

N-153,327

# NASA Technical Memorandum 83111

NASA-TM-83111 19840020670

## PRESSURE DISTRIBUTION DATA FROM TESTS OF 2.29-METER (7.5-FT.) SPAN EET HIGH-LIFT RESEARCH MODEL IN LANGLEY 4- BY 7-METER TUNNEL

Harry L. Morgan, Jr.

FOR REFERENCE

NOT TO BE TAKEN FROM THIS ROOM

JUNE 1982

**FOR EARLY DOMESTIC DISSEMINATION**  
Because of its significant early commercial potential, this information, which has been developed under a U.S. Government program, is being disseminated within the United States in advance of general publication. This information may be duplicated and used by the recipient with the express limitation that it not be published. Release of this information to other domestic parties by the recipient shall be made subject to these limitations.  
Foreign release may be made only with prior NASA approval and appropriate export licenses. This legend shall be marked on any reproduction of this information in whole or in part.  
Review for general release June 30, 1984

**NASA**

National Aeronautics and  
Space Administration

Langley Research Center  
Hampton, Virginia 23665

**LIBRARY COPY**

JUL 27 1982

LANGLEY RESEARCH CENTER  
LIBRARY, NASA  
HAMPTON, VIRGINIA



NF00377

## SUMMARY

A 2.29 m (7.5 ft.) span high-lift research model equipped with full-span leading-edge slat and part-span double-slotted trailing-edge flap was tested in the Langley 4- by 7-Meter Tunnel to determine the low-speed performance characteristics of a representative high-aspect-ratio supercritical wing. These tests were performed in support of the Energy Efficient Transport (EET) program which is one element of the Aircraft Energy Efficiency (ACEE) project. Static longitudinal forces and moments and chordwise pressure distributions at three spanwise stations were measured for cruise, climb, two take-off flap, and two landing flap wing configurations. This report presents the tabulated and plotted pressure distribution data and is presented without analysis or discussion.

## INTRODUCTION

In recent years, the NASA has been actively involved in an aeronautical research project to improve the energy efficiency of modern wide-body jet transport aircraft. One element of this Aircraft Energy Efficiency (ACEE) project is the Energy Efficient Transport (EET) program which is concerned primarily with the application of advanced aerodynamics to improve fuel efficiency. A part of the EET program has been the development by Langley Research Center personnel of improved supercritical wings with greater section thickness-to-chord ratios, higher aspect ratios, higher cruise lift coefficients, and lower sweeps than those commonly used on conventional transports. These improved wings have been tested extensively in the Langley wind tunnels to determine their high-speed cruise performance (refs. 1 and 2). Because of their high cruise lift coefficients and high aspect ratios, these wings could be smaller and more efficient than currently used wings provided the take-off and landing requirements could be met without seriously compromising the growth potential of the aircraft.

These smaller high-aspect-ratio wings have less wing area available for the high-lift flap system than currently used wings. The reduced flap area further requires the use of flap systems that generate proportionally greater lift than conventional flap systems. One flap system which has currently been under development by several aircraft manufacturers to meet this requirement is a large vane and small aft-flap combination in contrast to the small vane and large aft-flap combinations used on conventional wings. Tests of this new flap combination by the manufacturers have shown that maximum two-dimensional lift coefficients approaching these for conventional triple-slotted flap systems can be achieved.

To determine the three-dimensional performance characteristics of this new flap combination, a representative high-lift, high-aspect-ratio supercritical wing transport model was fabricated and tested in the Langley 4- by 7-Meter Tunnel. This model was equipped with both a part- and full-span large vane/small aft-flap trailing-edge flap system and a full-span leading-edge slat. The model was also equipped with conventionally sized aileron and spoiler control surfaces, interchangeable aspect-ratio-10 and -12 wing tips, flow-through nacelles, landing gear, and movable horizontal tails. The model was tested with wing leading-edge slat and trailing-edge flap deflections representative of cruise,

AKJ 76512#

climb, take-off, and landing configurations. The results of these tests are presented in references 3 and 4. This model had a 3.66 m (12 ft.) wing span when equipped with the aspect-ratio-12 tips which resulted in a maximum obtainable Reynolds number, based on the reference mean geometric chord, of  $1.63 \times 10^6$  at the design flight conditions of 0.2 Mach number.

From conversations with researchers in industry, who also flight test full-scale aircraft, the positioning of the slat, vane, and aft-flap components for optimum performance is greatly affected by Reynolds number. In addition, performance trends evident from wind tunnel tests at low Reynolds number conditions do not always remain the same at high Reynolds number flight test conditions. To determine the effects of Reynolds number on the performance of this new flap combination, a slightly smaller 2.29 m (7.5 ft.) span model was fabricated for tests in the Ames 12-Foot Pressure Tunnel which is capable of obtaining a Reynolds number of  $4.2 \times 10^6$  based on reference mean geometric chord of 20.64 cm (8.13 in.) The geometry definition of this model is 0.625 scale of the larger 3.66 meter (12 ft.) span model. Preliminary tests of this smaller model were performed in the Langley 4- by 7-Meter Tunnel to determine the performance characteristics of the cruise, climb, take-off, and landing wing configurations for comparison with previously obtained data on the larger 3.66 meter model. These tests were performed with the model mounted on both a sting and strut support system to determine strut-tare corrections to be applied to the data obtained during the tests in the Ames tunnel. Another objective of the test in Langley 4-by 7-Meter Tunnel was to check the model integrity at atmospheric conditions prior to the test in the Ames facility under dynamic conditions almost five times greater. The model was instrumented with a six-component strain-gage balance to measure the aerodynamic forces and moments and with chordwise pressure taps at three spanwise stations to determine representative wing and flap loads. This report contains the tabulated and plotted pressure distribution data obtained during these tests.

## SYMBOLS

The longitudinal aerodynamic characteristics are referred to the stability-axis system and the lateral characteristics to the body-axis system. The data obtained for the aspect-ratio-12 wing configurations were nondimensionalized based on a wing area of  $0.44 \text{ m}^2$  (4.69 ft.<sup>2</sup>), a wing span of 2.29 m (7.5 ft.), and a reference mean geometric chord of 20.64 cm (8.13 in.). Likewise, the data obtained for the aspect-ratio-10 wing configurations were nondimensionalized based on a wing area of  $0.41 \text{ m}^2$  (4.38 ft.<sup>2</sup>), a wing span of 2.02 m (6.62 ft.), and a reference mean geometric chord of 21.34 cm (8.40 in.). All measurements and calculations were made in the U. S. Customary Units; however, results are also given in the International System (SI) of Units. The parenthetical expressions next to a symbol is the computer printout equivalent of that symbol.

A	aspect ratio, $b^2/S$
b	span, m (ft.)
c	local wing chord, cm (in.)
$\bar{c}$	reference mean geometric chord, cm (in.)

$c_a$	local axial-chord force coefficient from integration of pressure distribution data, $c_a = \oint c_p dz/c$
$c_m$	local pitching-moment coefficient from integration of pressure distribution data, $c_m = \oint c_p (xdx/c + zdz/c)$
$c_n$	local normal-force coefficient from integration of pressure distribution data, $c_n = \oint c_p dx/c$
$c_p$ (CP)	local static pressure coefficient, $c_p = (P_\ell - P_\infty)/q$
$C_D$ (CD)	drag coefficient, Drag/qS
$C_L$ (CL)	lift coefficient, Lift/qS
$C_\ell$ (CRM)	rolling-moment coefficient, Rolling-Moment/qSb
$C_m$ (CPM)	pitching-moment coefficient, Pitching-Moment/qSc
$C_n$ (CYM)	yawing-moment coefficient, Yawing Moment/qSb
$C_Y$ (CSP)	side-force coefficient, Side Force/qS
M (MACH)	free-stream Mach number
p	local static pressure, kPa (lb/ft <sup>2</sup> )
q (Q or QINF)	free-stream dynamic pressure, kPa (lb/ft <sup>2</sup> )
S	wing reference area, m <sup>2</sup> (ft <sup>2</sup> )
x,y,z (X,Y,Z)	coordinates of wing pressure taps in wing-reference axis systems, cm (in.)
$\alpha$ (ALPHA)	angle of attack of model reference centerline, positive nose up, deg.
$\delta_f$	equivalent flap deflection angle, positive trailing edge down, deg. ( $\delta_f = \delta_{\text{vane}} + \delta_{\text{aft-flap}}$ )
$\delta_s$	slat deflection angle, positive trailing edge down, deg.



## Subscripts:

CORR	corrected
i	inboard
ℓ	local
o	outboard
∞	free-stream

## Notation:

TAP ID	tap identification number
--------	---------------------------

## MODEL DESCRIPTION

The model tested during this investigation was a 2.29 m (7.5 ft.) span, 0.036-scale model of a typical long-range wide-body jet transport with a NASA-Langley developed aspect-ratio-12 supercritical wing equipped with an advanced high-lift flap system. This flap system consisted of a full-span leading-edge slat and a part-span double-slotted, trailing-edge flap with a large vane and small aft-flap combination. The model was also equipped with conventionally-sized high- and low-speed aileron control surfaces, flight and ground spoilers, interchangeable aspect-ratio-10 and -12 wing tips, two wing mounted flow through nacelles, landing gear, and remotely-controlled horizontal tails. A drawing showing the control and flap system layout is presented in figure 1. The cruise wing, fuselage, and empennage dimensions are similar to those of the SCW-2a supercritical wing tested in the Langley 8-Foot Transonic Wind Tunnel and reported in reference 1. The model components and detailed geometry definitions of this model are a 0.625-scale of the larger 3.66 m (12 ft.) span high-lift model described in reference 5. The primary difference between the two models is that this smaller model was fabricated of high-alloy steel rather than aluminum due to the anticipated high dynamic pressures encountered in the Ames 12-Foot Pressure Tunnel.

The deflections, gaps, and overlaps of the slat, vane, and aft-flap components are defined in reference 5 and illustrated in figure 2. The values of the deflection, gap, and overlap for each component combination tested during this investigation are listed in table 1. The inboard slat segment is defined as that portion of the leading-edge slat between the side-of-body and nacelle centerline stations. Likewise, the outboard slat segment is defined as that portion of the slat between the nacelle centerline and the wing tip stations.

The model was instrumented with chordwise pressure taps at three streamwise stations labeled A, B, and C as shown in figure 3. Station A had 66 pressure taps, station B had 64, and station C had 44 for a total of 174 pressure taps. The tap identification numbers and wing coordinates for each pressure tap at station A, B, and C are given in table 2, 3, and 4, respectively. At each of the three stations, several component combinations were possible as illustrated in figure 4. The labeled components presented in figure 4 are further described

in table 5. All combinations presented in figure 4 were possible at stations A and B; however, only combinations using components A, E, and F were possible at station C.

### TEST PROCEDURES, INSTRUMENTATION, AND CORRECTIONS

The model was tested in the cruise, climb,  $15^\circ$  take-off flap,  $30^\circ$  take-off flap,  $45^\circ$  landing flap, and  $60^\circ$  landing flap wing configurations. Although the original SCW-2a wing had an aspect-ratio-12 planform, the high-lift flap system for this model was properly sized and designed for the shorter span aspect-ratio-10 planform because it was felt that this version would be of greater general interest. Therefore, unless otherwise stated, the aspect-ratio-10 wing tips were installed on the model. Also, unless otherwise stated, the nacelles were on for all six wing configurations; the gear was off for the cruise and climb wing configurations and gear on for take-off and landing wing configurations; and the outboard slat was deflected  $-50^\circ$  for the climb, take-off, and landing wing configurations. The combinations of test variable and possible wing configurations were quite numerous for this high-lift research model; however, because this investigation was a predecessor to more thorough tests in the Ames 12-Foot Pressure Tunnel, only a limited number of wing configurations and test variable combinations were tested and are listed in table 6.

This investigation was conducted in the Langley 4- by 7-Meter Tunnel, which has a test section of 4.42 m (14.50 ft.) by 6.63 m (21.75 ft.). The wind-tunnel tests were conducted at a free-stream dynamic pressure of 2.87 kPa (60.0 lb/ft<sup>2</sup>) with a corresponding Reynolds number of 1.45 million per foot and a free-stream Mach number of 0.20. The model was initially tested mounted on the same strut-support apparatus to be used during the tests in the Ames facility. The strut-support apparatus was mounted to the tunnel sting-support carriage just below the floor of the test section and extensions were added to the upper main and pitch strut supports to position the model on the tunnel centerline. The aerodynamic forces and moments were measured by a six-component strain-gage balance. The angle of attack could be varied from  $-6^\circ$  to  $30^\circ$  and was measured by an electronic inclinometer mounted inside the forward portion of the fuselage. The wing surface static pressure were measured by either 17.24 or 34.47 kPa (2.5 or 5.0 lb/in<sup>2</sup>) differential pressure transducers and four 48-port scanning valves. Fuselage chamber pressure was measured by a 6.89 kPa (1.0 lb/in<sup>2</sup>) differential pressure transducer.

Each of the six wing configurations was also tested with the model mounted to an aft-mounted sting support system to determine the interference tares of the strut support systems. Of course, the proper way to determine the strut interference tares is to test the model both erect and inverted with an image dummy strut support system. It was believed, however, that an aft-mounted sting support system would produce test results with minimum support system interference and that strut tares could be determined by taking the differences between the two sets of test data.

Wind-tunnel jet-boundary corrections were determined according to reference 6 and were applied to the force and moment data. These corrections were applied as follows:

$$C_{D,CORR} = C_D + J_1 (C_L)^2$$

$$C_{m,CORR} = C_m + J_3 C_L \text{ (for tail-on data only)}$$

$$\alpha_{CORR} = \alpha + J_2 C_L$$

where  $J_1 = 0.0019$ ,  $J_2 = 0.1066$ , and  $J_3 = 0.0024$ . Wing, body, and wake solid-blockage corrections were computed according to reference 7 and applied to the data. The solid-blockage corrections for the strut support system was estimated to be one-fourth the frontal area of the strut divided by the cross-sectional area of the tunnel test section. The value of these blockage corrections were as follows:

$$\begin{aligned} k_W &= 0.00005 \text{ (wing)} \\ k_B &= 0.00029 \text{ (body)} \\ k_D &= 0.00372 \text{ (wake)} \\ k_S &= 0.00169 \text{ (strut)} \end{aligned}$$

Drag corrections due to model chamber pressures were computed and were found to be negligible. The model with the cruise wing configuration was tested in both the erect and inverted positions during the sting-mounted test phase to determine the tunnel flow angularity. The flow angle correction was found to be equal to  $0.15^\circ$  up-flow and was applied to the measured angle of attack prior to applying jet-boundary corrections. No strut tare corrections have been applied to the tabulated force and moment data.

#### PRESENTATION OF RESULTS

This report presents the tabulated and plotted pressure distribution data for 23 runs which are representative of the wing configurations tested. These wing configurations were tested with the landing gear and horizontal tails removed. The configurations and their corresponding run numbers are summarized as follows:

<u>Configuration</u>	<u>Run</u>
Cruise	
A=10, nacelles off/on	2,3
A=12, nacelles off	1
Climb	
A=10, $\delta_{s_i} = -30^\circ, -40^\circ, -50^\circ$	21, 20, 13
A=10, nacelles off, $\delta_{s_i} = -50^\circ$	12
15° Take-off Flap	
A=10, $\delta_{s_i} = -30^\circ, -40^\circ, -50^\circ$	59, 60, 61
A=12, $\delta_{s_i} = -50^\circ$	70
30° Take-off Flap	
A=10, $\delta_{s_i} = -30^\circ, -40^\circ, -50^\circ$	58, 57, 48
A=12, $\delta_{s_i} = -50^\circ$	47

45° Landing Flap	
A=10, $\delta_{s_i}$ = -30°, -40°, -50°	35, 36, 37
A=12, $\delta_{s_i}$ = -50°	46
60° Landing Flap	
A=10, $\delta_{s_i}$ = -30°, -40°, -50°	22, 23, 25
A=12, $\delta_{s_i}$ = -50°	34

Table 7 is a figure-and-table index relating the run number with its corresponding tabulated and plotted pressure distributions, sectional chord-force and pitching-moment coefficients, and tabulated longitudinal stability-axis and lateral body-axis force and moment coefficients. In each of the tabulated pressure distribution tables, the component letter designation is listed adjacent to each tap identification number and the pressures for each component are listed starting with the tap at the lower surface trailing edge proceeding clockwise to the tap at the upper surface trailing edge. The integrated local chord-force and pitching-moment coefficients were computed by integration of the component pressure distributions with respect to the longest-chordline component coordinates.

#### REFERENCES

1. Bartlett, Dennis W.: Wind-Tunnel Investigation of Several High Aspect-Ratio Supercritical Wing Configurations on a Wide-Body-Type Fuselage. NASA TMX-71996, 1977.
2. Bartlett, Dennis W.; and Patterson, James C., Jr.: NASA Supercritical-Wing Technology. NASA TM-78731, 1978.
3. Morgan, Harry L., Jr.; and Paulson, John W., Jr.: Low-Speed Aerodynamic Performance of a High-Aspect-Ratio Supercritical-Wing Transport Model Equipped With Full-Span Slat and Part-Span Double-Slotted Flaps. NASA TP 1580, 1979.
4. Morgan, Harry L., Jr.: Low-Speed Aerodynamic Performance of an Aspect-Ratio-10 Supercritical-Wing Transport Model Equipped With Full-Span Slat and Part-Span and Full-Span Double-Slotted Flaps. NASA TP 1805, 1981.
5. Morgan, Harry L., Jr.: Model Geometry Description and Pressure Distribution Data From Tests of EET High-Lift Research Model Equipped With Full-Span Slat and Part-Span Flaps. NASA TM-80049, 1979.
6. Tulinius, Jr.: Unified Subsonic, Transonic, and Supersonic NAR Vortex Lattice. Report No. TFD-72-523, Los Angeles Division, North American Rockwell Co.; 1972.
7. Herriot, John G.: Blockage Corrections for Three-Dimensional-Flow Closed-Throat Wind Tunnels, With Consideration of the Effect of Compressibility. NACA Report 995, 1950. (Supersedes NACA RM A7B28.)



Table 1 - Summary of the Deflections, Gap, and Overlap Values of the Configuration - Component Combinations

Configuration	Component	Deflection, deg	Gap/c	Overlap/c
Climb	Inboard Slat	-30, -40, -50	.02	.02
	Outboard Slat	-50	.02	.02
	Vane	Nested	---	---
	Aft-Flap	Nested	---	---
15° Take-Off Flap	Inboard Slat	-30, -40, -50	.02	.02
	Outboard Slat	-50	.02	.02
	Vane	7.5	.015	.045
	Aft-Flap	7.5	.01	.01
30° Take-Off Flap	Inboard Slat	-30, -40, -50	.02	.02
	Outboard Slat	-50	.02	.02
	Vane	15	.015	.04
	Aft-Flap	15	.01	.01
45° Landing Flap	Inboard Slat	-30, -40, -50	.02	.02
	Outboard Slat	-50	.02	.02
	Vane	22.5	.02	.03
	Aft-Flap	22.5	.01	.01
60° Landing Flap	Inboard Slat	-30, -40, -50	.02	.02
	Outboard Slat	-50	.02	.02
	Vane	30	.02	.03
	Aft-Flap	30	.01	.005

Table 2.- Coordinates of Pressure Taps for Station A

TAP ID	Y, CM (IN)	X, CM (IN)	Z, CM (IN)
101	26.861 (10.575)	0.000 ( 0.000)	-.074 ( -.029)
102	26.861 (10.575)	.117 ( .046)	.351 ( .138)
103	26.861 (10.575)	.478 ( .188)	.724 ( .285)
104	26.861 (10.575)	.958 ( .377)	.965 ( .380)
105	26.861 (10.575)	1.679 ( .661)	1.179 ( .464)
106	26.861 (10.575)	2.400 ( .945)	1.323 ( .521)
107	26.861 (10.575)	3.363 ( 1.324)	1.455 ( .573)
108	26.543 (10.450)	.124 ( .049)	-.511 ( -.201)
109	26.543 (10.450)	.490 ( .193)	-.879 ( -.346)
110	26.543 (10.450)	.975 ( .384)	-1.123 ( -.442)
111	26.543 (10.450)	.970 ( .382)	-.422 ( -.166)
112	26.543 (10.450)	1.209 ( .476)	.084 ( .033)
113	26.543 (10.450)	1.692 ( .666)	.612 ( .241)
114	26.543 (10.450)	2.413 ( .950)	1.072 ( .422)
115	26.861 (10.575)	.919 ( .362)	-.721 ( -.284)
116	26.861 (10.575)	1.062 ( .418)	-.163 ( -.064)
117	26.861 (10.575)	1.562 ( .615)	.505 ( .199)
118	26.861 (10.575)	2.162 ( .851)	.940 ( .370)
119	26.861 (10.575)	3.005 ( 1.183)	1.293 ( .509)
120	26.861 (10.575)	4.206 ( 1.656)	1.539 ( .606)
121	26.861 (10.575)	5.705 ( 2.246)	1.621 ( .639)
122	26.861 (10.575)	8.410 ( 3.311)	1.656 ( .652)
123	26.861 (10.575)	11.115 ( 4.376)	1.585 ( .624)
124	26.861 (10.575)	13.820 ( 5.441)	1.430 ( .563)
125	26.861 (10.575)	17.429 ( 6.862)	1.095 ( .431)
126	26.861 (10.575)	21.039 ( 8.283)	.625 ( .246)
127	26.861 (10.575)	23.175 ( 9.124)	.274 ( .103)
128	26.861 (10.575)	24.773 ( 9.753)	-.028 ( -.011)
129	26.861 (10.575)	26.373 (10.383)	-.348 ( -.137)
130	26.543 (10.450)	1.097 ( .432)	-1.140 ( -.449)
131	26.543 (10.450)	1.582 ( .623)	-1.331 ( -.524)
132	26.543 (10.450)	2.431 ( .957)	-1.547 ( -.609)
133	26.543 (10.450)	4.369 ( 1.720)	-1.887 ( -.743)
134	26.543 (10.450)	7.579 ( 2.984)	-2.162 ( -.851)
135	26.543 (10.450)	11.204 ( 4.411)	-2.215 ( -.872)
136	26.543 (10.450)	14.829 ( 5.838)	-2.024 ( -.797)
137	26.543 (10.450)	18.451 ( 7.264)	-1.509 ( -.594)
138	26.543 (10.450)	21.163 ( 8.332)	-1.072 ( -.422)
139	26.543 (10.450)	22.230 ( 8.752)	-.922 ( -.363)
140	26.543 (10.450)	22.220 ( 8.748)	.102 ( .040)
141	26.543 (10.450)	23.823 ( 9.379)	-.015 ( -.006)
142	26.543 (10.450)	24.892 ( 9.800)	-.166 ( -.066)
143	26.543 (10.450)	25.961 (10.221)	-.318 ( -.125)
144	26.861 (10.575)	22.123 ( 8.710)	-.765 ( -.301)
145	26.861 (10.575)	22.228 ( 8.751)	-.544 ( -.214)
146	26.861 (10.575)	22.438 ( 8.834)	-.386 ( -.152)
147	26.861 (10.575)	22.969 ( 9.043)	-.216 ( -.085)
148	26.861 (10.575)	23.607 ( 9.294)	-.165 ( -.065)
149	26.861 (10.575)	24.455 ( 9.628)	-.198 ( -.078)
150	26.861 (10.575)	25.522 (10.048)	-.290 ( -.114)
151	26.861 (10.575)	26.373 (10.383)	-.371 ( -.146)
152	26.543 (10.450)	22.443 ( 8.836)	-.897 ( -.353)
153	26.543 (10.450)	23.084 ( 9.088)	-.823 ( -.324)
154	26.543 (10.450)	24.150 ( 9.508)	-.734 ( -.289)
155	26.543 (10.450)	25.433 (10.013)	-.688 ( -.271)
156	26.543 (10.450)	26.071 (10.264)	-.699 ( -.275)
157	26.543 (10.450)	26.284 (10.348)	-.452 ( -.178)
158	26.861 (10.575)	25.949 (10.216)	-.610 ( -.240)
159	26.861 (10.575)	26.055 (10.258)	-.485 ( -.191)
160	26.861 (10.575)	26.784 (10.466)	-.417 ( -.164)
161	26.861 (10.575)	27.117 (10.676)	-.505 ( -.199)
162	26.861 (10.575)	27.864 (10.970)	-.671 ( -.264)
163	26.543 (10.450)	26.157 (10.298)	-.699 ( -.275)
164	26.543 (10.450)	26.713 (10.517)	-.734 ( -.289)
165	26.543 (10.450)	27.559 (10.854)	-.820 ( -.323)
166	26.543 (10.450)	28.629 (11.275)	-.917 ( -.361)

Table 3.- Coordinates of Pressure Taps for Station B

TAP ID	Y,CM (IN)	X,CM (IN)	Z,CM (IN)
201	62.865 (24.750)	0.000 ( 0.000)	-.112 ( -.044)
202	62.865 (24.750)	.089 ( .035)	.137 ( .054)
203	62.865 (24.750)	.358 ( .141)	.338 ( .133)
204	62.865 (24.750)	.719 ( .283)	.472 ( .186)
205	62.865 (24.750)	1.260 ( .496)	.599 ( .236)
206	62.865 (24.750)	1.803 ( .710)	.693 ( .273)
207	62.865 (24.750)	2.525 ( .994)	.787 ( .310)
208	62.548 (24.625)	.094 ( .037)	-.358 ( -.141)
209	62.548 (24.625)	.366 ( .144)	-.549 ( -.216)
210	62.548 (24.625)	.732 ( .288)	-.671 ( -.264)
211	62.548 (24.625)	.726 ( .286)	-.287 ( -.113)
212	62.548 (24.625)	.907 ( .357)	-.008 ( -.003)
213	62.548 (24.625)	1.267 ( .499)	.290 ( .114)
214	62.548 (24.625)	1.808 ( .712)	.556 ( .219)
215	62.865 (24.750)	.691 ( .272)	-.455 ( -.179)
216	62.865 (24.750)	.798 ( .314)	-.145 ( -.057)
217	62.865 (24.750)	1.173 ( .462)	.229 ( .090)
218	62.865 (24.750)	1.623 ( .639)	.480 ( .189)
219	62.865 (24.750)	2.256 ( .888)	.688 ( .271)
220	62.865 (24.750)	3.160 ( 1.244)	.853 ( .336)
221	62.865 (24.750)	4.061 ( 1.599)	.922 ( .363)
222	62.865 (24.750)	5.420 ( 2.134)	.993 ( .391)
223	62.865 (24.750)	6.777 ( 2.668)	1.031 ( .406)
224	62.865 (24.750)	8.136 ( 3.203)	1.039 ( .409)
225	62.865 (24.750)	9.944 ( 3.915)	1.006 ( .396)
226	62.865 (24.750)	11.755 ( 4.628)	.925 ( .364)
227	62.865 (24.750)	13.566 ( 5.341)	.777 ( .306)
228	62.865 (24.750)	14.925 ( 5.876)	.610 ( .240)
229	62.865 (24.750)	16.284 ( 6.411)	.376 ( .148)
230	62.548 (24.625)	.823 ( .324)	-.678 ( -.267)
231	62.548 (24.625)	1.186 ( .467)	-.772 ( -.304)
232	62.548 (24.625)	1.821 ( .717)	-.869 ( -.342)
233	62.548 (24.625)	3.274 ( 1.289)	-1.006 ( -.396)
234	62.548 (24.625)	4.999 ( 1.968)	-1.082 ( -.426)
235	62.548 (24.625)	6.815 ( 2.683)	-1.090 ( -.429)
236	62.548 (24.625)	8.628 ( 3.397)	-1.024 ( -.403)
237	62.548 (24.625)	10.439 ( 4.110)	-.836 ( -.329)
238	62.548 (24.625)	11.798 ( 4.645)	-.607 ( -.239)
239	62.548 (24.625)	12.705 ( 5.002)	-.434 ( -.171)
240	62.548 (24.625)	12.697 ( 4.999)	.528 ( .208)
241	62.548 (24.625)	14.056 ( 5.534)	.546 ( .215)
242	62.548 (24.625)	14.966 ( 5.892)	.480 ( .189)
243	62.865 (24.750)	12.670 ( 4.988)	-.287 ( -.113)
244	62.865 (24.750)	12.758 ( 5.023)	-.074 ( -.029)
245	62.865 (24.750)	12.939 ( 5.094)	.091 ( .036)
246	62.865 (24.750)	13.388 ( 5.271)	.290 ( .114)
247	62.865 (24.750)	13.929 ( 5.484)	.391 ( .154)
248	62.865 (24.750)	14.653 ( 5.769)	.429 ( .169)
249	62.865 (24.750)	15.560 ( 6.126)	.404 ( .159)
250	62.865 (24.750)	16.284 ( 6.411)	.356 ( .140)
251	62.548 (24.625)	12.885 ( 5.073)	-.396 ( -.156)
252	62.548 (24.625)	13.429 ( 5.287)	-.290 ( -.114)
253	62.548 (24.625)	14.336 ( 5.644)	-.117 ( -.046)
254	62.548 (24.625)	15.423 ( 6.072)	.036 ( .014)
255	62.548 (24.625)	15.966 ( 6.286)	.069 ( .027)
256	62.865 (24.750)	15.923 ( 6.269)	.142 ( .056)
257	62.865 (24.750)	16.012 ( 6.304)	.254 ( .100)
258	62.865 (24.750)	16.467 ( 6.483)	.320 ( .126)
259	62.865 (24.750)	16.919 ( 6.661)	.241 ( .095)
260	62.865 (24.750)	17.554 ( 6.911)	.086 ( .034)
261	62.548 (24.625)	16.038 ( 6.314)	.074 ( .029)
262	62.548 (24.625)	16.513 ( 6.501)	.071 ( .028)
263	62.548 (24.625)	17.236 ( 6.786)	.010 ( .004)
264	62.548 (24.625)	18.146 ( 7.144)	-.130 ( -.051)



Table 4.- Coordinates of Pressure Taps for Station C

TAP ID	Y,CM (IN)	X,CM (IN)	Z,CM (IN)
301	91.440 (36.000)	0.000 ( 0.000)	-.142 ( -.056)
302	91.440 (36.000)	.066 ( .026)	.036 ( .014)
303	91.440 (36.000)	.264 ( .104)	.173 ( .068)
304	91.440 (36.000)	.531 ( .209)	.269 ( .106)
305	91.440 (36.000)	.930 ( .366)	.363 ( .143)
307	91.440 (36.000)	1.862 ( .733)	.500 ( .197)
308	91.123 (35.875)	.069 ( .027)	-.312 ( -.123)
309	91.123 (35.875)	.269 ( .106)	-.442 ( -.174)
310	91.123 (35.875)	.541 ( .213)	-.526 ( -.207)
311	91.123 (35.875)	.511 ( .201)	-.376 ( -.148)
312	91.123 (35.875)	.935 ( .368)	.147 ( .058)
313	91.123 (35.875)	1.334 ( .525)	.335 ( .132)
314	91.440 (36.000)	.511 ( .201)	-.373 ( -.147)
315	91.440 (36.000)	.587 ( .231)	-.160 ( -.063)
316	91.440 (36.000)	.866 ( .341)	.104 ( .041)
317	91.440 (36.000)	1.196 ( .471)	.282 ( .111)
318	91.440 (36.000)	1.661 ( .654)	.429 ( .169)
319	91.440 (36.000)	2.327 ( .916)	.554 ( .218)
320	91.440 (36.000)	2.995 ( 1.179)	.605 ( .238)
321	91.440 (36.000)	3.993 ( 1.572)	.663 ( .261)
322	91.440 (36.000)	4.994 ( 1.966)	.701 ( .276)
323	91.440 (36.000)	5.992 ( 2.359)	.716 ( .282)
324	91.440 (36.000)	7.325 ( 2.884)	.706 ( .278)
325	91.440 (36.000)	8.659 ( 3.409)	.665 ( .262)
326	91.440 (36.000)	9.662 ( 3.804)	.607 ( .239)
327	91.440 (36.000)	10.663 ( 4.198)	.516 ( .203)
328	91.440 (36.000)	11.996 ( 4.723)	.318 ( .125)
329	91.440 (36.000)	12.664 ( 4.986)	.180 ( .071)
330	91.440 (36.000)	13.066 ( 5.144)	.084 ( .033)
331	91.123 (35.875)	.607 ( .239)	-.528 ( -.208)
332	91.123 (35.875)	.874 ( .344)	-.592 ( -.233)
333	91.123 (35.875)	1.344 ( .529)	-.655 ( -.258)
334	91.123 (35.875)	2.416 ( .951)	-.739 ( -.291)
335	91.123 (35.875)	3.686 ( 1.451)	-.780 ( -.307)
336	91.123 (35.875)	5.024 ( 1.978)	-.772 ( -.304)
337	91.123 (35.875)	6.363 ( 2.505)	-.714 ( -.281)
338	91.123 (35.875)	7.699 ( 3.031)	-.569 ( -.224)
339	91.123 (35.875)	8.702 ( 3.426)	-.399 ( -.157)
340	91.123 (35.875)	9.703 ( 3.820)	-.201 ( -.079)
341	91.123 (35.875)	10.371 ( 4.083)	-.071 ( -.028)
342	91.123 (35.875)	11.039 ( 4.346)	.038 ( .015)
343	91.123 (35.875)	11.641 ( 4.583)	.097 ( .038)
344	91.123 (35.875)	12.042 ( 4.741)	.109 ( .043)
345	91.123 (35.875)	12.710 ( 5.004)	.066 ( .026)

Table 5 - Summary of Component Designation

Component Label	Component Description
A	Slat
B	Main
C	Vane
D	Aft-Flap
E	Main with vane and aft-flap nested
F	Main with slat, vane, and aft-flap nested (cruise wing)
G	Main with slat nested

Table 6 - Summary of 4- by 7-Meter Tunnel Tests of 2.29 Meter (7.5 Ft.) Span  
EET High-Lift Research Model

Test Variable	Wing Configuration					
	Cruise	Climb	Take-Off		Landing	
			$\delta_f = 15^\circ$	$\delta_f = 30^\circ$	$\delta_f = 45^\circ$	$\delta_f = 60^\circ$
Aspect Ratio 10/12	X	--	X	X	X	X
Nacelles On/Off	X	X	X	X	X	X
Gear On/Off	--	--	X	X	X	X
Inboard Slat Deflection	--	X	X	X	X	X
Horizontal Tail Incidence	X	X	X	X	X	X

Table 7 - Index of  $c_p$  Table and Figures (Test 218, Langley 4- By 7-Meter Tunnel)

Run No.	Plotted $c_p$ Figure No.	Tabulated $c_p$ Table No.	Integrated Local Chord-Force and Pitching Moment Coef. Table No.			Aerodynamic Performance Data Table No.
			$c_n$	$c_a$	$c_m$	
2	6 (a-h)	8 - 15	16	17	18	19
3	7 (a-h)	20 - 27	28	29	30	31
1	8 (a-h)	32 - 39	40	41	42	43
21	9 (a-i)	44 - 52	53	54	55	56
20	10 (a-i)	57 - 65	66	67	68	69
13	11 (a-i)	70 - 78	79	80	81	82
12	12 (a-f)	83 - 88	89	90	91	92
59	13 (a-j)	93 - 102	103	104	105	106
60	14 (a-j)	107 - 116	117	118	119	120
61	15 (a-j)	121 - 130	131	132	133	134
70	16 (a-j)	135 - 144	145	146	147	148
58	17 (a-j)	149 - 158	159	160	161	162
57	18 (a-k)	163 - 173	174	175	176	177
48	19 (a-j)	178 - 187	188	189	190	191
47	20 (a-j)	192 - 201	202	203	204	205
35	21 (a-j)	206 - 215	216	217	218	219
36	22 (a-j)	220 - 229	230	231	232	233
37	23 (a-j)	234 - 243	244	245	246	247
46	24 (a-i)	248 - 256	257	258	259	260
22	25 (a-j)	261 - 270	271	272	273	274
23	26 (a-i)	275 - 283	284	285	286	287
25	27 (a-i)	288 - 296	297	298	299	300
34	28 (a-i)	301 - 309	310	311	312	313

TABLE 8 .- TABULATED PRESSURE DATA FOR RUN 2 AT ALPHA = -6.134 DEGREES AND QINF = 2.89 KN/SQM ( 60.38 LB/SQFT )

[illegible]

TABLE 9 .- TABULATED PRESSURE DATA FOR RUN 2 AT ALPHA = -.009 DEGREES AND QINF = 2.89 KN/SQM ( 60.36 LB/SQFT )

[illegible]



TABLE 11.- TABULATED PRESSURE DATA FOR RUN 2 AT ALPHA = 8.049 DEGREES AND QINF = 2.89 KN/SQM ( 60.32 LB/SQFT )

[illegible]



TABLE 12 .- TABULATED PRESSURE DATA FOR RUN 2 AT ALPHA = 10.021 DEGREES AND QINF = 2.89 KN/SQM ( 60.30 LB/SQFT )

[illegible]

TABLE 13 .- TABULATED PRESSURE DATA FOR RUN 2 AT ALPHA = 12.086 DEGREES AND QINF = 2.89 KN/SQM ( 60.35 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
166F	-.1149			264F	-.5527			345F	.1329		
165F	.1809			263F	.1614			344F	.1891		
164F	.2544			262F	.2161			343F	.1916		
156F	.2927			255F	.2243			342F	.1720		
155F	.3009			254F	.2216			341F	.0998		
154F	.3009			253F	.1751			340F	.0032		
153F	.2927			252F	.0930			339F	-.0592		
139F	.2681			239F	.0355			338F	-.1376		
138F	.2353			238F	-.0493			337F	-.1571		
137F	.1586			237F	-.0886			336F	-.0299		
136F	.0520			236F	-.0421			335F	.0815		
135F	.0930			235F	.0545			334F	.1377		
134F	.2161			234F	.1341			333F	.2772		
133F	.3912			233F	.1916			332F	.3800		
132F	.5663			232F	.4082			310F	.5342		
131F	.6730			231F	.4999			309F	.7392		
110F	.7136			210F	.6623			308F	.7307		
109F	.6232			209F	.7563			301F	.0729		
108F	-.1662			208F	.6196			302F	-.4737		
101F	-2.1736			201F	-.2944			303F	-.5677		
102F	-3.5830			203F	-.7471			304F	-.5677		
103F	-4.1810			204F	-.7300			305F	-.5762		
104F	-3.3182			205F	-.7215			307F	-.5848		
105F	-2.4042			206F	-.7300			319F	-.5848		
106F	-2.1651			207F	-.7300			320F	-.5848		
107F	-1.8405			220F	-.7215			321F	-.5817		
120F	-1.9857			222F	-.7661			322F	-.5695		
121F	-1.5266			223F	-.7974			323F	-.5572		
122F	-1.3290			224F	-.7538			324F	-.5413		
123F	-1.1022			225F	-.7170			325F	-.5242		
124F	-.8923			226F	-.7024			326F	-.5217		
125F	-.7013			227F	-.6667			327F	-.4997		
126F	-.5271			228F	-.6421			328F	-.4704		
127F	-.4467			229F	-.6220			329F	-.4447		
128F	-.3506			259F	-.5740			330F	-.4055		
129F	-.2445			260F	-.5472						
161F	-.2356										
162F	-.2200										



TABLE 15 .- TABULATED PRESSURE DATA FOR RUN 2 AT ALPHA = 18.066 DEGREES AND QINF = 2.90 KN/SQM ( 60.49 LB/SQFT )

[illegible]

TABLE 16 .- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 2

ALPHA	COMPONENT-STATION		
	F-A	F-B	F-C
-6.134	-.14972	-.27496	-.32942
-.009	.38991	.38770	.28869
4.029	.73228	.74639	.61912
8.049	1.04734	1.04608	.90289
10.021	1.16620	1.16921	.82176
12.086	1.31414	.82530	.60450
14.056	1.31120	.75491	.60780
18.066	1.25780	.78729	.66083

TABLE 17 .- AXIAL-CHOPED FORCE COEFFICIENT FOR RUN 2

ALPHA	COMPONENT-STATION		
	F-A	F-B	F-C
-6.134	-.00619	-.02931	-.03527
-.009	-.00213	.00072	.01080
4.029	-.05201	-.04021	-.02191
8.049	-.12489	-.11806	-.09025
10.021	-.17686	-.16950	-.05865
12.086	-.17220	.01425	.02052
14.056	-.06877	.02106	.02333
18.066	-.01271	.01719	.01906

TABLE 18 .- PITCHING-MOMENT COEFFICIENT FOR RUN 2

ALPHA	COMPONENT-STATION		
	F-A	F-B	F-C
-6.134	-.04184	-.01162	-.00454
-.009	-.17964	-.20762	-.17592
4.029	-.26776	-.28769	-.24503
8.049	-.34674	-.34575	-.29879
10.021	-.36678	-.36980	-.28779
12.086	-.44275	-.37066	-.26774
14.056	-.52251	-.34520	-.27770
18.066	-.56143	-.35670	-.29458

TABLE 19 .- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 2 OF TEST 218

MACH	Q,KPA (PSF)	ALPHA,DEG	CL	CD	CPM	CRM	CYM	CSF
.204	2.89 (60.32)	-6.13	-.2157	.0323	-.1006	.0011	.0019	-.0075
.204	2.88 (60.19)	-4.06	-.0145	.0265	-.1012	-.0006	.0011	-.0064
.204	2.88 (60.24)	-2.05	.1961	.0236	-.0965	.0008	.0009	-.0031
.204	2.89 (60.31)	-.01	.4061	.0249	-.0802	.0007	.0008	-.0003
.204	2.89 (60.33)	2.01	.5758	.0285	-.0578	-.0012	.0007	-.0039
.204	2.89 (60.27)	4.03	.7708	.0372	-.0284	.0006	.0008	.0017
.204	2.88 (60.22)	6.05	.9415	.0442	-.0119	.0018	.0009	-.0012
.204	2.89 (60.27)	8.05	1.1095	.0583	.0249	.0008	.0005	.0038
.204	2.88 (60.25)	10.02	1.2376	.0848	.0741	.0044	.0042	.0020
.204	2.89 (60.29)	12.09	1.1426	.2048	.1468	.0067	.0022	.0046
.204	2.89 (60.31)	14.06	1.1205	.2643	.1646	.0045	.0025	.0025
.204	2.90 (60.49)	16.12	1.1135	.3125	.1813	.0061	.0030	-.0032
.204	2.89 (60.44)	18.07	1.1162	.3604	.2052	.0044	.0021	.0026



TABLE 20 .- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = -6.145 DEGREES AND QINF = 2.89 KN/SQM ( 60.31 LB/SQFT )

[illegible]

TABLE 21 -- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = -.046 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

[illegible]

TABLE 22 .- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = 4.037 DEGREES AND QINF = 2.89 KN/SQM ( 60.27 LB/SQFT )

*****															
*	WING STATION A				*	WING STATION B				*	WING STATION C				*
*	TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*
*	166F	.0382			*	264F	-.0440			*	345F	.2946			*
*	165F	.2628			*	263F	.3258			*	344F	.3154			*
*	164F	.3039			*	262F	.3559			*	343F	.3081			*
*	156F	.3258			*	255F	.3340			*	342F	.2823			*
*	155F	.3231			*	254F	.3340			*	341F	.2223			*
*	154F	.3094			*	253F	.2792			*	340F	.1121			*
*	153F	.2820			*	252F	.1971			*	339F	.0300			*
*	139F	.2628			*	239F	.1368			*	338F	-.0754			*
*	138F	.2107			*	238F	.0354			*	337F	-.1415			*
*	137F	.1012			*	237F	-.0815			*	336F	-.0619			*
*	136F	-.0796			*	236F	-.0717			*	335F	.0116			*
*	135F	-.1015			*	235F	-.0472			*	334F	.0018			*
*	134F	-.0577			*	234F	.0018			*	333F	.1292			*
*	133F	.0217			*	233F	.0349			*	332F	.2088			*
*	132F	.1806			*	232F	.2064			*	310F	.3551			*
*	131F	.2683			*	231F	.2542			*	309F	.6801			*
*	110F	.4150			*	210F	.4492			*	308F	.7913			*
*	109F	.6117			*	209F	.6288			*	301F	.2439			*
*	108F	.6887			*	208F	.7913			*	302F	-.7823			*
*	101F	.0472			*	201F	.0301			*	303F	-1.5606			*
*	102F	-.9105			*	203F	-1.9369			*	304F	-1.3126			*
*	103F	-1.9626			*	204F	-1.4580			*	305F	-1.1159			*
*	104F	-1.8942			*	205F	-1.2527			*	307F	-.7225			*
*	105F	-1.6034			*	206F	-.9277			*	319F	-.7567			*
*	106F	-1.3981			*	207F	-.8764			*	320F	-.6113			*
*	107F	-1.1244			*	220F	-1.0389			*	321F	-.5507			*
*	120F	-1.3468			*	222F	-.6520			*	322F	-.5691			*
*	121F	-.9036			*	223F	-.6218			*	323F	-.5262			*
*	122F	-.7470			*	224F	-.5894			*	324F	-.4466			*
*	123F	-.6430			*	225F	-.5234			*	325F	-.4466			*
*	124F	-.5614			*	226F	-.5122			*	326F	-.4123			*
*	125F	-.4194			*	227F	-.4340			*	327F	-.3253			*
*	126F	-.3657			*	228F	-.3579			*	328F	-.2077			*
*	127F	-.2785			*	229F	-.2316			*	329F	-.1072			*
*	128F	-.2014			*	259F	-.1522			*	330F	-.0386			*
*	129F	-.1220			*	260F	-.0795			*					*
*	161F	-.0896			*					*					*
*	162F	-.0471			*					*					*
*					*					*					*
*****															

TABLE 23 .- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = 8.050 DEGREES AND QINF = 2.89 KN/SQM ( 60.41 LB/SQFT )

[illegible]

TABLE 24

[illegible]

ABLE 25 .- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = 12.086 DEGREES AND QINF = 2.90 KN/SQM ( 60.48 LB/SOFT )

WING STATION A				*	WING STATION B				*	WING STATION C				*
TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*
166F	-.1560			*	264F	-.3334			*	345F	.1459			*
165F	.1770			*	263F	.2671			*	344F	.2081			*
164F	.2261			*	262F	.3162			*	343F	.2045			*
156F	.2698			*	255F	.3053			*	342F	.1923			*
155F	.2944			*	254F	.3217			*	341F	.1288			*
154F	.2917			*	253F	.2671			*	340F	.0250			*
153F	.2671			*	252F	.1934			*	339F	-.0287			*
139F	.2480			*	239F	.1415			*	338F	-.0922			*
138F	.2125			*	238F	.0569			*	337F	-.0958			*
137F	.1443			*	237F	-.0641			*	336F	.0177			*
136F	.0323			*	236F	.0470			*	335F	.1202			*
135F	.0815			*	235F	.1337			*	334F	.1935			*
134F	.1989			*	234F	.2509			*	333F	.3461			*
133F	.3654			*	233F	.2814			*	332F	.4425			*
132F	.5428			*	232F	.5500			*	310F	.5694			*
131F	.6520			*	231F	.6550			*	309F	.7229			*
110F	.7314			*	210F	.7229			*	308F	.6547			*
109F	.6291			*	209F	.7058			*	301F	-.2061			*
108F	-.0357			*	208F	-.0783			*	302F	-.6919			*
101F	-1.6038			*	201F	-2.2686			*	303F	-.7090			*
102F	-3.1465			*	203F	-3.6578			*	304F	-.6919			*
103F	-2.7459			*	204F	-2.7970			*	305F	-.7004			*
104F	-3.1976			*	205F	-2.4306			*	307F	-.7175			*
105F	-1.9703			*	206F	-2.3027			*	319F	-.7090			*
106F	-1.6124			*	207F	-1.8851			*	320F	-.7345			*
107F	-1.5698			*	220F	-1.9277			*	321F	-.7050			*
120F	-1.7999			*	222F	-1.0595			*	322F	-.6769			*
121F	-1.6100			*	223F	-.9136			*	323F	-.6745			*
122F	-1.2746			*	224F	-.7620			*	324F	-.6281			*
123F	-1.1108			*	225F	-.6272			*	325F	-.5780			*
124F	-1.0116			*	226F	-.5514			*	326F	-.5634			*
125F	-.7587			*	227F	-.4623			*	327F	-.5243			*
126F	-.6238			*	228F	-.3943			*	328F	-.4731			*
127F	-.4422			*	229F	-.3464			*	329F	-.4291			*
128F	-.4010			*	259F	-.3219			*	330F	-.3961			*
129F	-.3977			*	260F	-.3029			*					*
161F	-.3263			*					*					*
162F	-.2885			*					*					*

TABLE 26 .- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = 14.093 DEGREES AND QINF = 2.89 KN/SQM ( 60.43 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
166F	-.3897		*	264F	-.4116		*	345F	.1116		*
165F	.0829		*	263F	.2468		*	344F	.1764		*
164F	.1621		*	262F	.3014		*	343F	.1776		*
156F	.1976		*	255F	.2905		*	342F	.1630		*
155F	.2195		*	254F	.3095		*	341F	.0970		*
154F	.2332		*	253F	.2632		*	340F	-.0020		*
153F	.2250		*	252F	.1949		*	339F	-.0570		*
139F	.2140		*	239F	.1321		*	338F	-.1181		*
138F	.1758		*	238F	.0392		*	337F	-.1071		*
137F	.1211		*	237F	-.0729		*	336F	.0163		*
136F	.0365		*	236F	.0457		*	335F	.1287		*
135F	.1102		*	235F	.1434		*	334F	.2045		*
134F	.2359		*	234F	.2607		*	333F	.3548		*
133F	.4080		*	233F	.2888		*	332F	.4635		*
132F	.5828		*	232F	.5686		*	310F	.6197		*
131F	.6867		*	231F	.6737		*	309F	.7647		*
110F	.7306		*	210F	.7562		*	308F	.6624		*
109F	.6453		*	209F	.7477		*	301F	-.1309		*
109F	-.0200		*	208F	.0653		*	302F	-.5489		*
101F	-1.4871		*	201F	-1.7686		*	303F	-.5318		*
102F	-2.1013		*	203F	-1.9819		*	304F	-.5147		*
103F	-1.3251		*	204F	-2.1439		*	305F	-.5147		*
104F	-1.2312		*	205F	-2.3060		*	307F	-.5147		*
105F	-1.1971		*	206F	-2.0075		*	319F	-.5489		*
106F	-1.1118		*	207F	-1.8283		*	320F	-.5574		*
107F	-1.2568		*	220F	-1.9648		*	321F	-.5286		*
120F	-1.2654		*	222F	-1.2302		*	322F	-.5530		*
121F	-1.2536		*	223F	-1.1198		*	323F	-.5469		*
122F	-1.2569		*	224F	-1.0183		*	324F	-.5481		*
123F	-1.1477		*	225F	-.7863		*	325F	-.5432		*
124F	-1.1086		*	226F	-.7016		*	326F	-.5408		*
125F	-.9837		*	227F	-.6191		*	327F	-.5359		*
126F	-.8755		*	228F	-.5454		*	328F	-.5151		*
127F	-.7741		*	229F	-.4618		*	329F	-.4785		*
128F	-.7317		*	259F	-.4507		*	330F	-.4516		*
129F	-.6625		*	260F	-.4217		*				*
161F	-.6023		*				*				*
162F	-.5544		*				*				*

TABLE 27 .- TABULATED PRESSURE DATA FOR RUN 3 AT ALPHA = 18.091 DEGREES AND QINF = 2.90 KN/SQM ( 60.50 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
166F	-.5691		*	264F	-.6728		*	345F	.0935		*
165F	-.0288		*	263F	.1649		*	344F	.1692		*
164F	.0831		*	262F	.2441		*	343F	.1740		*
156F	.1513		*	255F	.2359		*	342F	.1606		*
155F	.1786		*	254F	.2577		*	341F	.0935		*
154F	.1922		*	253F	.2195		*	340F	.0032		*
153F	.2004		*	252F	.1486		*	339F	-.0395		*
139F	.1731		*	239F	.1049		*	338F	-.0859		*
138F	.1431		*	238F	.0230		*	337F	-.0627		*
137F	.1049		*	237F	-.1201		*	336F	.0715		*
136F	.0312		*	236F	.0569		*	335F	.1997		*
135F	.1431		*	235F	.1716		*	334F	.2863		*
134F	.2823		*	234F	.2961		*	333F	.4413		*
133F	.4679		*	233F	.3156		*	332F	.5573		*
132F	.6316		*	232F	.6158		*	310F	.6534		*
131F	.7216		*	231F	.7049		*	309F	.7045		*
110F	.7386		*	210F	.7982		*	308F	.5171		*
109F	.6619		*	209F	.7301		*	301F	-.4031		*
108F	.1166		*	208F	-.0027		*	302F	-.6673		*
101F	-.8462		*	201F	-1.4682		*	303F	-.5650		*
102F	-.9996		*	203F	-1.3489		*	304F	-.5480		*
103F	-.8718		*	204F	-1.3745		*	305F	-.5395		*
104F	-.8718		*	205F	-1.4085		*	307F	-.5224		*
105F	-.7780		*	206F	-1.3574		*	319F	-.5309		*
106F	-.8462		*	207F	-1.3659		*	320F	-.5480		*
107F	-.8462		*	220F	-1.3915		*	321F	-.5314		*
120F	-.7951		*	222F	-1.3422		*	322F	-.5314		*
121F	-.8799		*	223F	-1.2497		*	323F	-.5399		*
122F	-.9033		*	224F	-1.1974		*	324F	-.5473		*
123F	-.7919		*	225F	-1.1082		*	325F	-.5509		*
124F	-.8944		*	226F	-1.0102		*	326F	-.5631		*
125F	-.9968		*	227F	-.9044		*	327F	-.5656		*
126F	-.9144		*	228F	-.8465		*	328F	-.5473		*
127F	-.8932		*	229F	-.7484		*	329F	-.5216		*
128F	-.8186		*	259F	-.6950		*	330F	-.4887		*
129F	-.8052		*	260F	-.6593		*				*
161F	-.7573		*				*				*
162F	-.7351		*				*				*



TABLE 28.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 3

ALPHA	COMPONENT-STATION		
	F-A	F-B	F-C
-6.145	-.16794	-.25396	-.33295
-.046	.40668	.37587	.26327
4.037	.73804	.72906	.61357
8.050	1.04712	1.06367	.90273
10.068	1.18964	1.21424	.88051
12.086	1.27450	1.22259	.72265
14.093	1.24101	1.28397	.62702
18.091	1.08566	1.30701	.67033

TABLE 29 .- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 3

ALPHA	COMPONENT-STATION		
	F-A	F-B	F-C
-6.145	-.01093	-.02905	-.03276
-.046	-.00574	.00464	.01249
4.037	-.05114	-.03418	-.01925
8.050	-.12746	-.11811	-.09101
10.068	-.18647	-.16567	-.06224
12.086	-.12525	-.14071	.00614
14.093	-.04395	-.08750	.02137
18.091	.00755	-.03607	.01579

TABLE 30.- PITCHING-MOMENT COEFFICIENT FOR RUN 3

ALPHA	COMPONENT-STATION		
	F-A	F-B	F-C
-6.145	-.03615	-.02012	-.00128
-.046	-.19037	-.20804	-.16724
4.037	-.26949	-.26725	-.24205
8.050	-.34461	-.35979	-.30057
10.068	-.37573	-.38918	-.31628
12.086	-.45885	-.39732	-.31004
14.093	-.52791	-.46334	-.27958
18.091	-.49823	-.54692	-.29609

TABLE 31 .- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 3 OF TEST 218

MACH	Q,KPA (PSF)	ALPHA,DEG	CL	CD	CPM	CRM	CYM	CSF
.204	2.89 (60.26)	-6.14	-.2332	.0398	-.1259	.0017	.0022	-.0074
.204	2.89 (60.43)	-4.07	-.0323	.0328	-.1142	.0006	.0008	-.0060
.204	2.89 (60.40)	-2.07	.1771	.0287	-.0981	.0022	.0005	-.0004
.204	2.89 (60.32)	-.05	.3917	.0292	-.0746	.0005	.0009	.0012
.204	2.88 (60.16)	2.02	.5772	.0329	-.0526	.0017	.0006	.0022
.204	2.88 (60.22)	4.04	.7643	.0409	-.0133	.0006	.0009	.0024
.204	2.88 (60.11)	6.04	.9276	.0505	.0051	.0000	.0008	-.0000
.204	2.89 (60.36)	8.05	1.1202	.0643	.0525	.0008	.0009	.0052
.204	2.89 (60.28)	10.07	1.2631	.0926	.1023	.0028	.0035	.0049
.204	2.89 (60.43)	12.09	1.2259	.2051	.1106	.0040	.0027	.0024
.204	2.89 (60.38)	14.09	1.2120	.2729	.1283	.0059	.0041	-.0012
.204	2.89 (60.34)	16.11	1.1892	.3251	.1457	.0042	.0030	-.0013
.204	2.89 (60.45)	18.09	1.1789	.3771	.1781	.0033	.0018	.0078



WING STATION A						WING STATION B						WING STATION C					
TAP ID	CP	TAP ID	CP	*		TAP ID	CP	TAP ID	CP	*		TAP ID	CP	TAP ID	CP	*	
166F	.0498			*		264F	-.0022			*		345F	.3036			*	
165F	.2441			*		263F	.3180			*		344F	.3208			*	
164F	.2797			*		262F	.3399			*		343F	.3073			*	
156F	.2989			*		255F	.3153			*		342F	.2828			*	
155F	.3071			*		254F	.3180			*		341F	.2155			*	
154F	.2934			*		253F	.2496			*		340F	.0943			*	
153F	.2633			*		252F	.1675			*		339F	-.0036			*	
139F	.2277			*		239F	.1045			*		338F	-.1456			*	
138F	.1784			*		238F	-.0104			*		337F	-.2264			*	
137F	.0361			*		237F	-.1261			*		336F	-.1873			*	
136F	-.2048			*		236F	-.1934			*		335F	-.1873			*	
135F	-.2787			*		235F	-.2191			*		334F	-.2411			*	
134F	-.2486			*		234F	-.2020			*		333F	-.2240			*	
133F	-.2349			*		233F	-.1640			*		332F	-.2387			*	
132F	-.1665			*		232F	-.1444			*		310F	-.1914			*	
131F	-.1199			*		231F	-.1591			*		309F	.0564			*	
110F	-.0376			*		210F	-.0803			*		308F	.3299			*	
109F	.1676			*		209F	.0308			*		301F	.8000			*	
108F	.5863			*		208F	.5180			*		302F	.4581			*	
101F	.6461			*		201F	.7145			*		303F	-.3880			*	
102F	.2017			*		203F	-.7127			*		304F	-.4136			*	
103F	-.6444			*		204F	-.6529			*		305F	-.4478			*	
104F	-.6922			*		205F	-.5674			*		307F	-.3980			*	
105F	-.8409			*		206F	-.5247			*		319F	-.3709			*	
106F	-.7640			*		207F	-.5162			*		320F	-.4051			*	
107F	-.6785			*		220F	-.5845			*		321F	-.3733			*	
120F	-.8236			*		222F	-.4207			*		322F	-.4088			*	
121F	-.5816			*		223F	-.4441			*		323F	-.3819			*	
122F	-.5134			*		224F	-.4307			*		324F	-.3868			*	
123F	-.4721			*		225F	-.3849			*		325F	-.4003			*	
124F	-.4352			*		226F	-.4430			*		326F	-.3880			*	
125F	-.3581			*		227F	-.4084			*		327F	-.3256			*	
126F	-.3212			*		228F	-.3659			*		328F	-.2375			*	
127F	-.2620			*		229F	-.2609			*		329F	-.1371			*	
128F	-.1950			*		259F	-.1782			*		330F	-.0379			*	
129F	-.1335			*		260F	-.0922			*						*	

[illegible]





TABLE 36 .- TABULATED PRESSURE DATA FOR RUN 1 AT ALPHA = 10.064 DEGREES AND QINF = 2.89 KN/SQM ( 60.26 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
166F	-.0115	*	264F	-.2444	*	345F	.1803	*		*	
165F	.2542	*	263F	.2243	*	344F	.2330	*		*	
164F	.3062	*	262F	.3391	*	343F	.2428	*		*	
156F	.3254	*	255F	.3282	*	342F	.2305	*		*	
155F	.3227	*	254F	.3391	*	341F	.1729	*		*	
154F	.3227	*	253F	.2926	*	340F	.0688	*		*	
153F	.3090	*	252F	.2241	*	339F	.0271	*		*	
139F	.2953	*	239F	.1912	*	338F	-.0770	*		*	
136F	.2597	*	238F	.0953	*	337F	-.0636	*		*	
137F	.1802	*	237F	-.0329	*	336F	.0161	*		*	
136F	.0542	*	236F	.0773	*	335F	.1325	*		*	
135F	.0789	*	235F	.1582	*	334F	.2709	*		*	
134F	.1857	*	234F	.2526	*	333F	.4143	*		*	
133F	.3556	*	233F	.2832	*	332F	.4229	*		*	
132F	.5145	*	232F	.5442	*	310F	.6199	*		*	
131F	.6240	*	231F	.6446	*	309F	.7226	*		*	
110F	.6469	*	210F	.7482	*	308F	.3462	*		*	
109F	.6456	*	209F	.6798	*	301F	-.2269	*		*	
106F	-.0729	*	208F	-.2611	*	302F	-1.3389	*		*	
101F	-1.9718	*	201F	-2.9127	*	303F	-.7487	*		*	
102F	-3.5372	*	203F	-4.7603	*	304F	-.7743	*		*	
103F	-4.3497	*	204F	-2.2541	*	305F	-1.2533	*		*	
104F	-3.8305	*	205F	-2.2798	*	307F	-.8342	*		*	
105F	-2.6732	*	206F	-1.8350	*	319F	-.7230	*		*	
106F	-2.2028	*	207F	-1.4928	*	320F	-.7658	*		*	
107F	-1.8264	*	220F	-1.8521	*	321F	-.7485	*		*	
120F	-2.0403	*	222F	-.9846	*	322F	-.8073	*		*	
121F	-1.3313	*	223F	-.8560	*	323F	-.6713	*		*	
122F	-1.0350	*	224F	-.7442	*	324F	-.6186	*		*	
123F	-.8583	*	225F	-.6391	*	325F	-.5598	*		*	
124F	-.7162	*	226F	-.5105	*	326F	-.5255	*		*	
125F	-.5407	*	227F	-.3606	*	327F	-.4470	*		*	
126F	-.3886	*	228F	-.2611	*	328F	-.4409	*		*	
127F	-.2756	*	229F	-.2130	*	329F	-.3735	*		*	
128F	-.1929	*	259F	-.1918	*	330F	-.3405	*		*	
129F	-.1247	*	260F	-.1884	*			*		*	
161F	-.6978	*			*			*		*	
162F	-.0687	*			*			*		*	

TABLE 37 .- TABULATED PRESSURE DATA FOR RUN 1 AT ALPHA = 12.077 DEGREES AND QINF = 2.89 KN/SQM ( 60.32 LB/SQFT )

TABLE 38 .- TABULATED PRESSURE DATA FOR RUN 1 AT ALPHA = 14.057 DEGREES AND QINF = 2.89 KN/SQM ( 60.40 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
166F	-.3440		*	264F	-.6748		*	345F	.1136		*
165F	.0933		*	263F	.0988		*	344F	.1869		*
164F	.1835		*	262F	.1671		*	343F	.1906		*
156F	.2191		*	255F	.1726		*	342F	.1759		*
155F	.2300		*	254F	.1835		*	341F	.1063		*
154F	.2382		*	253F	.1398		*	340F	.0923		*
153F	.2273		*	252F	.0660		*	339F	-.0502		*
139F	.2245		*	239F	.0141		*	338F	-.1187		*
138F	.1863		*	238F	-.0844		*	337F	-.1113		*
137F	.1234		*	237F	-.1028		*	336F	.0280		*
136F	.6359		*	236F	-.0551		*	335F	.1380		*
135F	.0824		*	235F	.0415		*	334F	.2040		*
134F	.2273		*	234F	.1441		*	333F	.3581		*
133F	.4159		*	233F	.1918		*	332F	.4620		*
132F	.5381		*	232F	.4216		*	310F	.5939		*
131F	.6892		*	231F	.5231		*	309F	.7304		*
110F	.7475		*	210F	.6707		*	308F	.6622		*
109F	.6707		*	209F	.7475		*	301F	-.1315		*
108F	-.0718		*	208F	.5683		*	302F	-.5838		*
101F	-1.6933		*	201F	-.2937		*	303F	-.5668		*
102F	-2.4699		*	203F	-.6521		*	304F	-.5753		*
103F	-1.9920		*	204F	-.6606		*	305F	-.5412		*
104F	-1.7360		*	205F	-.6521		*	307F	-.5497		*
105F	-1.6933		*	206F	-.6436		*	319F	-.5412		*
106F	-1.6591		*	207F	-.6436		*	320F	-.5326		*
107F	-1.4885		*	220F	-.6521		*	321F	-.5404		*
120F	-1.6506		*	222F	-.6489		*	322F	-.5392		*
121F	-1.4378		*	223F	-.6713		*	323F	-.5429		*
122F	-1.3943		*	224F	-.6668		*	324F	-.5441		*
123F	-1.2704		*	225F	-.6668		*	325F	-.5392		*
124F	-1.1332		*	226F	-.6657		*	326F	-.5551		*
125F	-.9759		*	227F	-.6858		*	327F	-.5588		*
126F	-.8035		*	228F	-.6902		*	328F	-.5404		*
127F	-.7047		*	229F	-.6690		*	329F	-.5270		*
128F	-.6054		*	259F	-.6456		*	330F	-.4964		*
129F	-.5396		*	260F	-.6255		*				*
161F	-.5887		*				*				*
162F	-.4994		*				*				*



TABLE 40 .- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 1

ALPHA	COMPONENT-STATION		
	F-A	F-B	F-C
-6.155	-.14775	-.29323	-.40456
-.080	.38542	.36883	.29930
3.967	.74523	.75338	.66971
8.042	1.03999	1.06797	1.00512
10.064	1.18493	1.16040	.79220
12.077	1.32532	.82677	.62487
14.057	1.32954	.76578	.64037
18.085	1.28667	.81950	.72039

TABLE 41 .- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 1

ALPHA	COMPONENT-STATION		
	F-A	F-B	F-C
-6.155	-.01212	-.03269	-.04290
-.080	-.00231	.00141	.01239
3.967	-.04822	-.04077	-.02568
8.042	-.12938	-.12799	-.11090
10.064	-.18583	-.17102	-.01333
12.077	-.18349	.01450	.02018
14.057	-.07824	.02110	.02049
18.085	-.01478	.01461	.01524

TABLE 42.- PITCHING-MOMENT COEFFICIENT FOR RUN 1

ALPHA	COMPONENT-STATION		
	F-A	F-B	F-C
-6.155	-.03964	-.00783	.02682
-.080	-.18432	-.20989	-.18180
3.967	-.27492	-.29249	-.26552
8.042	-.33815	-.35328	-.33302
10.064	-.37056	-.36878	-.32090
12.077	-.43815	-.37189	-.27955
14.057	-.52685	-.34967	-.28801
18.085	-.57193	-.37040	-.31840

TABLE 43 .- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 1 OF TEST 218

MACH	Q,KPA (PSF)	ALPHA,DEG	CL	CD	CPM	CRM	CYM	CSF
.204	2.88 (60.24)	-6.15	-.2453	.0358	-.0666	.0018	.0011	-.0061
.204	2.88 (60.21)	-4.09	-.0257	.0286	-.0713	.0017	.0006	-.0025
.204	2.88 (60.20)	-2.04	.2026	.0237	-.0760	.0010	.0001	.0016
.204	2.89 (60.26)	-.08	.3953	.0251	-.0657	.0014	.0005	.0022
.204	2.89 (60.40)	1.94	.5988	.0263	-.0388	.0017	.0004	.0015
.204	2.89 (60.29)	3.97	.7693	.0339	-.0200	.0013	.0007	.0048
.204	2.88 (60.25)	6.05	.9467	.0427	-.0011	.0006	.0003	.0061
.204	2.88 (60.22)	8.04	1.1242	.0535	.0342	.0011	.0008	.0088
.204	2.88 (60.21)	10.06	1.2223	.0949	.1011	.0102	.0065	.0030
.204	2.89 (60.26)	12.08	1.1438	.2008	.1557	.0076	.0019	.0094
.204	2.89 (60.35)	14.06	1.1306	.2606	.1673	.0055	.0024	.0066
.204	2.88 (60.23)	16.10	1.1205	.3102	.2024	-.0013	.0015	.0038
.204	2.89 (60.44)	18.09	1.1236	.3589	.2259	.0019	.0023	.0072



TABLE 44 .- TABULATED PRESSURE DATA FOR RUN 21 AT ALPHA = -4.107 DEGREES AND QINF = 2.90 KN/SQM ( 60.52 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.7442	124E	-.3274	214A	-.6890	226E	-.3853	313A	-.2937	327E	-.4511
113A	-.7660	125E	-.2461	213A	-.6072	227E	-.3619	312A	-.2339	328E	-.4181
112A	.2352	126E	-.2695	212A	-.5987	228E	-.3508	311A	-.2376	329E	-.3535
111A	-.7551	127E	-.2238	211A	-.5328	229E	-.2873	310A	-.2391	330E	-.2851
110A	-.7757	128E	-.1659	210A	-.7076	259E	-.2461	309A	-.2050		
109A	-.8183	129E	-.1125	209A	-.6650	260E	-.1860	308A	-.2050		
108A	-.8268	161E	-.0757	208A	-.6735			301A	-.2050		
101A	-.0858	162E	-.0434	201A	-.5713			302A	.0164		
102A	.6808			202A	.2975			303A	.7149		
103A	.7319			203A	.7234			304A	.7575		
104A	.5190			204A	.7404			305A	.6553		
105A	.3060			206A	.4764			307A	.2209		
106A	.1868			207A	.0590			345E	-.2473		
107A	-.0517			264E	-.1168			344E	-.2461		
166E	.0306			263E	-.1413			343E	-.2473		
165E	.1179			262E	-.2313			342E	-.2485		
164E	.1615			255E	-.2613			341E	-.2546		
156E	.1015			254E	-.3377			340E	-.2571		
155E	.0824			253E	-.4332			339E	-.2742		
154E	.0797			252E	-.5014			338E	-.2668		
153E	.0142			239E	-.5342			337E	-.2729		
139E	-.0158			238E	-.6733			336E	-.2705		
138E	-.0677			237E	-.3925			335E	-.2754		
137E	-.1768			236E	-.7171			334E	-.2729		
136E	-.2995			235E	-.6756			333E	-.2620		
135E	-.4114			234E	-.6451			332E	-.2632		
134E	-.5723			233E	-.6524			331E	-.2705		
133E	-.6436			232E	-.6536			314E	-.3132		
132E	-.6569			231E	-.6719			315E	-.2987		
131E	-.6760			230E	-.6829			316E	-.3328		
130E	-1.0007			215E	-.8037			317E	-.4180		
115E	-1.0939			216E	-.8013			318E	-.4946		
116E	-.9290			217E	.5360			319E	-.6139		
117E	.6553			218E	-.2136			320E	-.4350		
118E	-.1369			219E	-.4521			321E	-.4242		
119E	-.5543			220E	-.5117			322E	-.4255		
120E	-.5713			222E	-.3308			323E	-.4133		
121E	-.4243			223E	-.3363			324E	-.4145		
122E	-.3564			224E	-.3363			325E	-.4596		
123E	-.3642			225E	-.3352			326E	-.4718		

TABLE 45 .- TABULATED PRESSURE DATA FOR RUN 21 AT ALPHA = .012 DEGREES AND QINF = 2.90 KN/SQM ( 60.17 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.4776	124E	-.4373	* 214A	-.5568	226E	-.3849	* 313A	-.5459	327E	-.2650
* 113A	-.4695	125E	-.3125	* 213A	-.5605	227E	-.3270	* 312A	-.5520	328E	-.1686
* 112A	-.0408	126E	-.3102	* 212A	-.5593	228E	-.2623	* 311A	-.5629	329E	-.0904
* 111A	-.4503	127E	-.2467	* 211A	-.5629	229E	-.1453	* 310A	-.5722	330E	-.0574
* 110A	-.4613	128E	-.1810	* 210A	-.5551	259E	-.0885	* 309A	-.5551		
* 109A	-.5807	129E	-.1119	* 209A	-.5551	260E	-.0272	* 308A	-.5466		
* 108A	-.2482	161E	-.0762	* 208A	-.6062			* 301A	-.5636		
* 101A	.4678	162E	-.0339	* 201A	-.5381			* 302A	-.0095		
* 102A	.7065			* 202A	.5786			* 303A	.7491		
* 103A	.4422			* 203A	.7662			* 304A	.7235		
* 104A	.1183			* 204A	.6809			* 305A	.5871		
* 105A	-.0095			* 206A	.3229			* 307A	.0416		
* 106A	-.1289			* 207A	-.0777			* 345E	.0378		
* 107A	-.2141			* 264E	.0247			* 344E	.0329		
* 166E	.0411			* 263E	.1694			* 343E	.0036		
* 165E	.2049			* 262E	.1858			* 342E	-.0330		
* 164E	.2322			* 255E	.1285			* 341E	-.0782		
* 156E	.2349			* 254E	.1394			* 340E	-.1258		
* 155E	.2322			* 253E	.0438			* 339E	-.1759		
* 154E	.2158			* 252E	-.0081			* 338E	-.2430		
* 153E	.1940			* 239E	-.0490			* 337E	-.3480		
* 139E	.1612			* 238E	-.1528			* 336E	-.3920		
* 136E	.1230			* 237E	-.1881			* 335E	-.4421		
* 137E	.0247			* 236E	-.4128			* 334E	-.4909		
* 136E	-.1145			* 235E	-.5666			* 333E	-.5410		
* 135E	-.1446			* 234E	-.5984			* 332E	-.5703		
* 134E	-.1964			* 233E	-.5727			* 331E	-.5813		
* 133E	-.4039			* 232E	-.5691			* 314E	-.5398		
* 132E	-.5186			* 231E	-.5727			* 315E	-.5722		
* 131E	-.4776			* 230E	-.5800			* 316E	-.5807		
* 130E	-.4940			* 215E	-.5617			* 317E	-.5636		
* 115E	-.6169			* 216E	-.5381			* 318E	-.5892		
* 116E	-.5040			* 217E	-.5466			* 319E	-.6062		
* 117E	.7321			* 218E	-.5040			* 320E	-.5210		
* 118E	-.4358			* 219E	-.6830			* 321E	-.4421		
* 119E	-.9131			* 220E	-.7256			* 322E	-.4372		
* 120E	-.9131			* 222E	-.4941			* 323E	-.3993		
* 121E	-.6479			* 223E	-.4551			* 324E	-.3639		
* 122E	-.5554			* 224E	-.4317			* 325E	-.3615		
* 123E	-.4852			* 225E	-.3860			* 326E	-.3358		

TABLE 46 .- TABULATED PRESSURE DATA FOR RUN 21 AT ALPHA = 4.080 DEGREES AND QINF = 2.89 KN/SQM ( 60.36 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.2723	124E	-.5402	214A	-.4714	226E	-.4308	313A	-.5057	327E	-.2305
113A	-.2450	125E	-.3795	213A	-.4714	227E	-.3404	312A	-.5216	328E	-.1497
112A	-.1246	126E	-.3214	212A	-.4690	228E	-.2689	311A	-.5057	329E	-.1130
111A	-.2750	127E	-.2343	211A	-.4555	229E	-.1796	310A	-.6090	330E	-.0861
110A	-.3016	128E	-.1673	210A	-.5663	250E	-.1461	309A	-.6005		
109A	-.1649	129E	-.1093	209A	-.5663	260E	-.1171	308A	-.6005		
108A	.3133	161E	-.0791	208A	-.6859			301A	-.7627		
101A	.6890	162E	-.0568	201A	-.5407			302A	.2791		
102A	.4414			202A	.7147			303A	.7317		
103A	-.0795			203A	.6549			304A	.5353		
104A	-.4041			204A	.4414			305A	.3560		
105A	-.4553			206A	.0315			307A	-.2076		
106A	-.4638			207A	-.3528			345E	.2013		
107A	-.3955			264E	-.1055			344E	.2234		
166E	-.0070			263E	.2392			343E	.2185		
165E	.2310			262E	.2747			342E	.1940		
164E	.2693			255E	.2474			341E	.1536		
156E	.2857			254E	.2638			340E	.0876		
155E	.2884			253E	.2173			339E	.0497		
154E	.2775			252E	.1626			338E	-.0152		
153E	.2528			239E	.1352			337E	.0705		
139E	.2337			238E	.0532			336E	.1536		
138E	.1954			237E	-.0604			335E	.0619		
137E	.0805			236E	.0631			334E	-.3577		
136E	-.0672			235E	.1732			333E	-.5448		
135E	-.0535			234E	.2283			332E	-.6048		
134E	.0477			233E	-.2317			331E	-.6831		
133E	.2528			232E	-.6219			314E	-.8188		
132E	-.1629			231E	-.6207			315E	-.7713		
131E	-.3899			230E	-.7528			316E	-.8737		
130E	-.3927			215E	-.7980			317E	-.9335		
115E	-.3434			216E	-.8054			318E	-.9421		
116E	-.3187			217E	-1.0275			319E	-.9079		
117E	-.4553			218E	-1.1470			320E	-.7542		
118E	-.9506			219E	-1.1812			321E	-.6195		
119E	-1.4374			220E	-1.2580			322E	-.5485		
120E	-1.3861			222E	-.7390			323E	-.4763		
121E	-.9757			223E	-.6497			324E	-.4042		
122E	-.7434			224E	-.5693			325E	-.3528		
123E	-.6340			225E	-.4855			326E	-.2965		

TABLE 47 .- TABULATED PRESSURE DATA FOR RUN 21 AT ALPHA = 8.122 DEGREES AND QINF = 2.89 KN/SQM ( 60.40 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1047	124E	-.6173	* 214A	-.4704	226E	-.4544	* 313A	-.4839	327E	-.2773
* 113A	-.1266	125E	-.4042	* 213A	-.6049	227E	-.3439	* 312A	-.6123	328E	-.2345
* 112A	-.1238	126E	-.3294	* 212A	-.6110	228E	-.2759	* 311A	-.5927	329E	-.2150
* 111A	-.2031	127E	-.2324	* 211A	-.5780	229E	-.2261	* 310A	-.7359	330E	-.1917
* 110A	-.0447	128E	-.1699	* 210A	-.6847	259E	-.2000	* 309A	-.7274		
* 109A	.2626	129E	-.1130	* 209A	-.8128	260E	-.1888	* 308A	-1.0346		
* 108A	.6722	161E	-.1029	* 208A	-.3263			* 301A	-.6165		
* 101A	.6125	162E	-.0906	* 201A	.1175			* 302A	.5698		
* 102A	-.2154			* 202A	.7064			* 303A	.6295		
* 103A	-.5810			* 203A	.3650			* 304A	.2626		
* 104A	-1.1371			* 204A	.1004			* 305A	.0748		
* 105A	-.9920			* 206A	-.3263			* 307A	-.5055		
* 106A	-.8810			* 207A	-.7615			* 345E	.2349		
* 107A	-.6506			* 264E	-.2496			* 344E	.2887		
* 166E	-.0282			* 263E	.2780			* 343E	.2850		
* 165E	.2424			* 262E	.3272			* 342E	.2704		
* 164E	.2998			* 255E	.3108			* 341E	.2019		
* 156E	.3135			* 254E	.3299			* 340E	.1127		
* 155E	.3135			* 253E	.2807			* 339E	.0442		
* 154E	.3162			* 252E	.2014			* 338E	-.0316		
* 153E	.2948			* 239E	.1495			* 337E	.0369		
* 139E	.2752			* 238E	.0429			* 336E	.1904		
* 138E	.2370			* 237E	-.0756			* 335E	.2569		
* 137E	.1386			* 236E	.0332			* 334E	.4782		
* 136E	-.0063			* 235E	.1249			* 333E	.7337		
* 135E	.0347			* 234E	.2826			* 332E	-.3189		
* 134E	.1386			* 233E	.5075			* 331E	-1.4203		
* 133E	.3900			* 232E	.7361			* 314E	-2.4203		
* 132E	.7098			* 231E	-.0670			* 315E	-1.7942		
* 131E	.0128			* 230E	-2.1354			* 316E	-1.4528		
* 130E	-.7361			* 215E	-2.2980			* 317E	-1.5296		
* 115E	-.5448			* 216E	-1.8113			* 318E	-1.4102		
* 116E	-.3519			* 217E	-1.7515			* 319E	-1.4358		
* 117E	-.8213			* 218E	-1.9478			* 320E	-.9664		
* 118E	-1.6064			* 219E	-1.8283			* 321E	-.7406		
* 119E	-1.9478			* 220E	-2.0076			* 322E	-.6184		
* 120E	-1.8454			* 222E	-.9052			* 323E	-.5279		
* 121E	-1.2533			* 223E	-.7635			* 324E	-.4313		
* 122E	-.9197			* 224E	-.6686			* 325E	-.3653		
* 123E	-.7702			* 225E	-.5358			* 326E	-.3176		

TABLE 48 .- TABULATED PRESSURE DATA FOR RUN 21 AT ALPHA = 12.214 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.0506	124E	-.6907	* 214A	-.4663	226E	-.5188	* 313A	-.5238	327E	-.2816
* 113A	-.0424	125E	-.4462	* 213A	-.5263	227E	-.3971	* 312A	-.4957	328E	-.2486
* 112A	-.0451	126E	-.3681	* 212A	-.5336	228E	-.3346	* 311A	-.4700	329E	-.2291
* 111A	-.0615	127E	-.2911	* 211A	-.5116	229E	-.2810	* 310A	-.3526	330E	-.2144
* 110A	.2280	128E	-.2832	* 210A	-.3612	259E	-.2665	* 309A	-.3099		
* 109A	.5610	129E	-.1261	* 209A	-.2928	260E	-.2531	* 308A	-.1648		
* 108A	.6720	161E	-.1058	* 208A	.3902			* 301A	.3390		
* 101A	.0060	162E	-.0756	* 201A	.5695			* 302A	.7403		
* 102A	-1.4028			* 202A	.1938			* 303A	.1341		
* 103A	-1.9749			* 203A	-.3697			* 304A	-.2758		
* 104A	-2.0176			* 204A	-.5405			* 305A	-.3953		
* 105A	-1.4882			* 206A	-.7368			* 307A	-.9332		
* 106A	-1.2918			* 207A	-1.1040			* 345E	.2345		
* 107A	-.8649			* 264E	-.2311			* 344E	.2895		
* 166E	-.0096			* 263E	.3131			* 343E	.2883		
* 165E	.2639			* 262E	.3678			* 342E	.2736		
* 164E	.3131			* 255E	.3459			* 341E	.2100		
* 156E	.3350			* 254E	.3705			* 340E	.1256		
* 155E	.3350			* 253E	.3268			* 339E	.0865		
* 154E	.3049			* 252E	.2611			* 338E	.0241		
* 153E	.3186			* 239E	.2229			* 337E	.1183		
* 139E	.2885			* 238E	.1353			* 336E	.1880		
* 138E	.2666			* 237E	-.0248			* 335E	.3433		
* 137E	.1818			* 236E	.1501			* 334E	.5060		
* 136E	.0752			* 235E	.2565			* 333E	.7555		
* 135E	.1408			* 234E	.4008			* 332E	.6160		
* 134E	.2557			* 233E	.5867			* 331E	-.4223		
* 133E	.4526			* 232E	.7750			* 314E	-3.3013		
* 132E	.6823			* 231E	.4974			* 315E	-2.4701		
* 131E	.6877			* 230E	-1.6380			* 316E	-2.4103		
* 130E	-.0807			* 215E	-3.6321			* 317E	-2.3250		
* 115E	-.7999			* 216E	-2.3762			* 318E	-1.9920		
* 116E	-.3953			* 217E	-3.0678			* 319E	-2.0347		
* 117E	-1.5053			* 218E	-2.8458			* 320E	-1.1979		
* 118E	-2.4274			* 219E	-2.3847			* 321E	-.9396		
* 119E	-2.6409			* 220E	-2.6409			* 322E	-.7733		
* 120E	-2.3847			* 222E	-1.1171			* 323E	-.6363		
* 121E	-1.5223			* 223E	-.9195			* 324E	-.4908		
* 122E	-1.0758			* 224E	-.7789			* 325E	-.4027		
* 123E	-.8559			* 225E	-.6204			* 326E	-.3379		

TABLE 49 .- TABULATED PRESSURE DATA FOR RUN 21 AT ALPHA = 16.277 DEGREES AND QINF = 2.89 KN/SQM ( 60.39 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.2773	* 124E	-.6895	* 214A	-.2585	* 226E	-.4842	* 313A	-.2890	* 327E	-.4590
* 113A	.1188	* 125E	-.4786	* 213A	-.3612	* 227E	-.3971	* 312A	-.2903	* 328E	-.3942
* 112A	-.6097	* 126E	-.4819	* 212A	-.3612	* 228E	-.3502	* 311A	-.2682	* 329E	-.3477
* 111A	.0477	* 127E	-.4786	* 211A	-.3159	* 229E	-.3302	* 310A	-.0880	* 330E	-.3196
* 110A	.4326	* 128E	-.4685	* 210A	.0229	* 259E	-.3212	* 309A	.1083		
* 109A	.6716	* 129E	-.4786	* 209A	.2619	* 260E	-.3212	* 308A	.4326		
* 108A	.5009	* 161E	-.4239	* 208A	.7570			* 301A	.7228		
* 101A	-.5404	* 162E	-.4328	* 201A	.6289			* 302A	.1851		
* 102A	-2.1792			* 202A	-.7026			* 303A	-.8050		
* 103A	-2.5804			* 203A	-1.2659			* 304A	-1.0099		
* 104A	-2.3755			* 204A	-1.1976			* 305A	-.9330		
* 105A	-1.7354			* 206A	-1.2147			* 307A	-1.3598		
* 106A	-1.4110			* 207A	-1.5732			* 345E	.1890		
* 107A	-.9416			* 264E	-.3487			* 344E	.2587		
* 166E	-.3460			* 263E	.2801			* 343E	.2697		
* 165E	.1434			* 262E	.3484			* 342E	.2624		
* 164E	.2281			* 255E	.3375			* 341E	.2147		
* 156E	.2691			* 254E	.3648			* 340E	.1401		
* 155E	.2828			* 253E	.3375			* 339E	.1205		
* 154E	.2992			* 252E	.2719			* 338E	.0753		
* 153E	.2855			* 239E	.2500			* 337E	.1915		
* 139E	.2746			* 238E	.1816			* 336E	.2709		
* 138E	.2473			* 237E	-.0152			* 335E	.4286		
* 137E	.1816			* 236E	.2184			* 334E	.5668		
* 136E	.1024			* 235E	.3233			* 333E	.7502		
* 135E	.1926			* 234E	.4739			* 332E	.6365		
* 134E	.3156			* 233E	.6377			* 331E	-.1790		
* 133E	.5015			* 232E	.7710			* 314E	-3.3187		
* 132E	.6792			* 231E	.5142			* 315E	-2.9303		
* 131E	.6874			* 230E	-1.4236			* 316E	-3.0328		
* 130E	.1898			* 215E	-3.7234			* 317E	-2.8706		
* 115E	-.5045			* 216E	-2.9730			* 318E	-2.3755		
* 116E	-.2587			* 217E	-3.8607			* 319E	-2.2987		
* 117E	-1.5817			* 218E	-3.5705			* 320E	-1.3598		
* 118E	-2.4524			* 219E	-2.8791			* 321E	-1.0263		
* 119E	-2.5462			* 220E	-3.0754			* 322E	-.8429		
* 120E	-2.2134			* 222E	-1.2229			* 323E	-.7353		
* 121E	-1.3948			* 223E	-.9874			* 324E	-.6473		
* 122E	-1.0142			* 224E	-.8000			* 325E	-.5751		
* 123E	-.8167			* 225E	-.6080			* 326E	-.5091		

TABLE 50 .- TABULATED PRESSURE DATA FOR RUN 21 AT ALPHA = 20.301 DEGREES AND QINF = 2.90 KN/SQM ( 60.58 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.5733	124E	-.6938	214A	.6617	226E	-.6782	313A	-.0882	327E	-.6025
113A	.3116	125E	-.4946	213A	-.1406	227E	-.6048	312A	-.1211	328E	-.5465
112A	.1127	126E	-.5458	212A	-.1674	228E	-.5903	311A	-.0894	329E	-.5111
111A	.2517	127E	-.5747	211A	-.1223	229E	-.5625	310A	.2295	330E	-.4612
110A	.6039	128E	-.5870	210A	.2806	259E	-.5469	309A	.4678		
109A	.6805	129E	-.6048	209A	.5529	260E	-.5302	308A	.7486		
108A	.1785	161E	-.5747	208A	.6720			301A	.7316		
101A	-1.5233	162E	-.5836	201A	.2806			302A	-.7575		
102A	-3.4207			202A	-1.7195			303A	-1.7615		
103A	-3.4603			203A	-2.1019			304A	-1.7720		
104A	-3.2420			204A	-1.7870			305A	-1.4297		
105A	-2.1104			206A	-1.4552			307A	-1.6169		
106A	-1.7105			207A	-1.6764			345E	.1738		
107A	-1.1319			264E	-.5250			344E	.2567		
166E	-.4160			263E	.2517			343E	.2701		
165E	.1100			262E	.3253			342E	.2665		
164E	.2135			255E	.3334			341E	.2226		
156E	.2571			254E	.3552			340E	.1458		
155E	.2789			253E	.3225			339E	.1458		
154E	.3035			252E	.2680			338E	.1202		
153E	.2926			239E	.2381			337E	.2531		
139E	.2789			238E	.1945			336E	.3372		
138E	.2490			237E	.0166			335E	.4846		
137E	.1999			236E	.2652			334E	.6321		
136E	.1563			235E	.3932			333E	.7613		
135E	.2571			234E	.5334			332E	.6406		
134E	.3961			233E	.6845			331E	-.0870		
133E	.5651			232E	.7796			314E	-3.1718		
132E	.6986			231E	.5480			315E	-3.0548		
131E	.7041			230E	-1.0754			316E	-3.4207		
130E	.3498			215E	-3.1571			317E	-3.1655		
115E	-.2198			216E	-3.0548			318E	-2.5764		
116E	-.1874			217E	-3.8036			319E	-2.4848		
117E	-1.8211			218E	-3.3867			320E	-1.2765		
118E	-2.6975			219E	-2.4337			321E	-1.0376		
119E	-2.7826			220E	-2.2210			322E	-.8950		
120E	-2.2805			222E	-1.0453			323E	-.8207		
121E	-1.4769			223E	-.9530			324E	-.7488		
122E	-1.0397			224E	-.8540			325E	-.7134		
123E	-.6417			225E	-.7694			326E	-.6684		

TABLE 51 .- TABULATED PRESSURE DATA FOR RUN 21 AT ALPHA = 24.327 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.7239	124E	-.6639	* 214A	.2641	226E	-.6818	* 313A	.0843	327E	-.6508
* 113A	.6938	125E	-.4976	* 213A	.0451	227E	-.6718	* 312A	.0243	328E	-.6202
* 112A	.2672	126E	-.5869	* 212A	.0305	228E	-.6461	* 311A	.0696	329E	-.5995
* 111A	.2508	127E	-.6003	* 211A	.0879	229E	-.6204	* 310A	.3624	330E	-.5566
* 110A	.6784	128E	-.6439	* 210A	.4905	259E	-.6014	* 309A	.5930		
* 109A	.5503	129E	-.6517	* 209A	.7381	260E	-.5724	* 308A	.7638		
* 108A	-.3805	161E	-.6215	* 208A	.5417			* 301A	.5503		
* 101A	-2.7031	162E	-.6115	* 201A	-.0218			* 302A	-1.5076		
* 102A	-4.6415			* 202A	-2.4982			* 303A	-2.4640		
* 103A	-4.4622			* 203A	-2.5067			* 304A	-2.0114		
* 104A	-4.0352			* 204A	-2.1310			* 305A	-1.7638		
* 105A	-2.4555			* 206A	-1.4308			* 307A	-1.7211		
* 106A	-1.9175			* 207A	-1.6272			* 345E	.1320		
* 107A	-1.3283			* 264E	-.5752			* 344E	.2262		
* 166E	-.4795			* 263E	.2234			* 343E	.2359		
* 165E	.0675			* 262E	.3027			* 342E	.2347		
* 164E	.1687			* 255E	.3027			* 341E	.1993		
* 156E	.2261			* 254E	.3355			* 340E	.1344		
* 155E	.2535			* 253E	.3055			* 339E	.1454		
* 154E	.2836			* 252E	.2508			* 338E	.1283		
* 153E	.2916			* 239E	.2343			* 337E	.2812		
* 139E	.2808			* 238E	.1851			* 336E	.3680		
* 138E	.2699			* 237E	.0757			* 335E	.5234		
* 137E	.2343			* 236E	.3020			* 334E	.6506		
* 136E	.2097			* 235E	.4280			* 333E	.7595		
* 135E	.3273			* 234E	.5686			* 332E	.6469		
* 134E	.4668			* 233E	.6983			* 331E	.0121		
* 133E	.6254			* 232E	.7705			* 314E	-2.8195		
* 132E	.7212			* 231E	.5833			* 315E	-2.9337		
* 131E	.7020			* 230E	-.7548			* 316E	-3.2240		
* 130E	.3984			* 215E	-2.5504			* 317E	-2.8995		
* 115E	.0128			* 216E	-2.6946			* 318E	-2.1737		
* 116E	-.1499			* 217E	-3.2667			* 319E	-1.6357		
* 117E	-2.0712			* 218E	-2.7800			* 320E	-1.0721		
* 118E	-2.9251			* 219E	-1.7297			* 321E	-.9101		
* 119E	-2.9507			* 220E	-1.2454			* 322E	-.8270		
* 120E	-2.3189			* 222E	-.8683			* 323E	-.7793		
* 121E	-1.5292			* 223E	-.8225			* 324E	-.7267		
* 122E	-1.0737			* 224E	-.7734			* 325E	-.6802		
* 123E	-.8314			* 225E	-.7287			* 326E	-.6802		



TABLE 52 .- TABULATED PRESSURE DATA FOR RUN 21 AT ALPHA = 28.372 DEGREES AND QINF = 2.91 KN/SQM ( 60.83 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.6925	124E	-.6389	214A	.4557	226E	-.6765	313A	.3137	327E	-.6756
113A	.7278	125E	-.6920	213A	.1438	227E	-.6943	312A	.1899	328E	-.6501
112A	.4075	126E	-.6365	212A	.1195	228E	-.6854	311A	.2348	329E	-.6452
111A	.4103	127E	-.6799	211A	.1656	229E	-.6699	310A	.5697	330E	-.6088
110A	.7562	128E	-.6909	210A	.6036	259E	-.6743	309A	.7392		
109A	.5867	129E	-.6743	209A	.7477	260E	-.6743	308A	.7053		
108A	-.3624	161E	-.6965	208A	.2054			301A	.1461		
101A	-1.9046	162E	-.6765	201A	-.9217			302A	-2.7266		
102A	-2.7181			202A	-3.2604			303A	-3.4553		
103A	-2.0741			203A	-2.9977			304A	-2.7605		
104A	-1.9639			204A	-2.7266			305A	-1.8877		
105A	-2.0063			206A	-1.5487			307A	-1.8538		
106A	-2.2097			207A	-1.6419			345E	.1292		
107A	-1.9555			264E	-.6591			344E	.2251		
166E	-.5424			263E	.2148			343E	.2384		
165E	.0221			262E	.2963			342E	.2433		
164E	.1416			255E	.3071			341E	.2057		
156E	.1931			254E	.3343			340E	.1450		
155E	.2311			253E	.3044			339E	.1680		
154E	.2610			252E	.2691			338E	.1571		
153E	.2664			239E	.2393			337E	.3234		
139E	.2800			238E	.1986			336E	.4108		
138E	.2637			237E	.1013			335E	.5686		
137E	.2501			236E	.3416			334E	.6778		
136E	.2447			235E	.4654			333E	.7592		
135E	.3750			234E	.5916			332E	.6402		
134E	.5324			233E	.7155			331E	.0770		
133E	.6898			232E	.7604			314E	-2.5618		
132E	.7739			231E	.5807			315E	-2.8791		
131E	.7414			230E	-.6731			316E	-3.3028		
130E	.4265			215E	-2.4028			317E	-2.9130		
115E	-.0756			216E	-2.6418			318E	-2.0233		
116E	-.4641			217E	-3.2350			319E	-1.4047		
117E	-2.6249			218E	-2.6927			320E	-.9894		
118E	-2.3198			219E	-1.5572			321E	-.9001		
119E	-1.6165			220E	-.9810			322E	-.8540		
120E	-1.2352			222E	-.7895			323E	-.8030		
121E	-.9070			223E	-.7452			324E	-.7265		
122E	-.7009			224E	-.6976			325E	-.7059		
123E	-.6632			225E	-.6754			326E	-.6901		

TABLE 53 .- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 21

ALPHA	COMPONENT-STATION					
	A-A	E-A	A-B	E-B	A-C	E-C
-4.107	-.11890	-.01012	-.16017	-.19378	-.10556	.16114
.012	-.06740	.30014	-.14205	.12093	-.13722	.10048
4.080	-.00129	.60004	-.10698	.58627	-.11529	.44270
8.122	.08403	.83455	-.08112	.92881	-.10028	.75461
12.214	.18767	1.06434	.00662	1.24046	-.03060	1.00543
16.277	.24963	1.11601	.12310	1.39884	.08315	1.21486
20.301	.35215	1.21963	.22551	1.40898	.19246	1.35789
24.327	.44646	1.28321	.28305	1.26010	.26449	1.26660
28.372	.32809	1.15382	.35192	1.21978	.35372	1.28167

TABLE 54 .- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 21

ALPHA	COMPONENT-STATION					
	A-A	E-A	A-B	E-B	A-C	E-C
-4.107	-.01125	-.04312	-.01125	-.00523	-.00759	-.00074
.012	.01224	-.02092	-.00470	-.04429	-.00940	-.03846
4.080	.03323	-.04916	-.00288	-.08083	-.00835	-.06883
8.122	.04648	-.07049	.01804	-.14712	-.00430	-.11827
12.214	.03739	-.09804	.04114	-.21293	.02969	-.16183
16.277	.02220	-.07479	.04895	-.25028	.04454	-.18115
20.301	-.00529	-.07193	.03606	-.21249	.04630	-.18411
24.327	-.04106	-.07581	.01992	-.16222	.03786	-.15839
28.372	-.01400	-.05735	-.00267	-.15089	.02039	-.15088

TABLE 55 .- PITCHING-MOMENT COEFFICIENT FOR RUN 21

ALPHA	COMPONENT-STATION					
	A-A	E-A	A-B	E-B	A-C	E-C
-4.107	.00732	-.04595	.01161	.05919	.00789	-.07500
.012	.00356	-.16149	.00972	-.08860	.00984	-.06264
4.080	-.00080	-.23364	.00660	-.24552	.00765	-.19490
8.122	-.00595	-.28824	.00400	-.30824	.00561	-.25803
12.214	-.01158	-.34606	-.00148	-.39209	.00077	-.30677
16.277	-.01498	-.39179	-.00902	-.42079	-.00689	-.38334
20.301	-.02063	-.43441	-.01553	-.47650	-.01375	-.44797
24.327	-.02561	-.45336	-.01870	-.45858	-.01832	-.43774
28.372	-.02105	-.45077	-.02297	-.45907	-.02310	-.45131

TABLE 56 .- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 21 OF TEST 218

MACH	Q,KPA (PSF)	ALPHA,DEG	CL	CD	CPM	CRM	CYM	CSF
.206	2.90 (60.47)	-6.05	-.2322	.1437	-.2136	.0011	.0037	-.0132
.206	2.90 (60.47)	-4.11	-.1131	.1203	-.1504	.0006	.0029	-.0103
.206	2.89 (60.45)	-2.00	.0226	.0961	-.0841	.0011	.0022	-.0078
.206	2.89 (60.42)	.01	.2045	.0762	-.0342	.0008	.0024	-.0043
.206	2.89 (60.31)	2.12	.3959	.0627	-.0093	.0024	.0023	-.0062
.206	2.89 (60.31)	4.08	.5979	.0630	.0138	.0011	.0020	-.0028
.206	2.89 (60.30)	6.08	.7777	.0702	.0375	.0001	.0016	-.0031
.206	2.89 (60.35)	8.12	.9751	.0825	.0733	.0005	.0016	.0021
.206	2.89 (60.41)	10.19	1.1701	.0947	.1053	.0024	.0012	.0018
.206	2.89 (60.32)	12.21	1.3410	.1212	.1465	-.0022	.0008	.0053
.206	2.88 (60.24)	14.29	1.4350	.1557	.1524	-.0058	.0001	.0069
.206	2.89 (60.34)	16.28	1.5299	.2013	.1515	-.0044	.0018	.0022
.206	2.89 (60.40)	18.29	1.6314	.2485	.1846	-.0079	.0000	.0041
.206	2.90 (60.53)	20.30	1.6817	.3085	.2308	-.0101	-.0021	.0087
.206	2.89 (60.46)	22.34	1.7190	.3709	.2627	-.0060	-.0013	.0086
.206	2.89 (60.32)	24.33	1.7540	.4377	.3046	-.0046	-.0004	.0064
.206	2.89 (60.44)	26.31	1.7631	.5101	.3305	-.0060	-.0013	.0040
.207	2.91 (60.78)	28.37	1.6903	.5615	.3309	-.0058	.0000	.0075

TABLE 57 .- TABULATED PRESSURE DATA FOR RUN 20 AT ALPHA = -4.010 DEGREES AND QINF = 2.90 KN/SQM ( 60.56 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.7512	124E	-.3532	214A	-.6878	226E	-.3933	313A	-.2501	327E	-.4501
113A	-.7675	125E	-.2675	213A	-.6220	227E	-.3855	312A	-.2330	328E	-.4123
112A	-.7566	126E	-.2875	212A	-.6061	228E	-.3599	311A	-.2391	329E	-.3586
111A	-.7539	127E	-.2363	211A	-.6000	229E	-.2896	310A	-.2127	330E	-.2830
110A	-.8256	128E	-.1818	210A	-.6894	259E	-.2441	309A	-.1957		
109A	-.8511	129E	-.1251	209A	-.6723	260E	-.1662	308A	-.1957		
108A	-.9447	161E	-.0828	208A	-.6638			301A	-.2042		
101A	-.5447	162E	-.0438	201A	-.5106			302A	.0341		
102A	.4342			202A	.2895			303A	.7065		
103A	.7746			203A	.7491			304A	.7576		
104A	.6810			204A	.7832			305A	.6555		
105A	.5193			206A	.5193			307A	.2044		
106A	.3576			207A	.1107			345E	-.2526		
107A	.0426			264E	-.0942			344E	-.2501		
166E	.0258			263E	-.1623			343E	-.2526		
165E	.1239			262E	-.2468			342E	-.2611		
164E	.1157			255E	-.2796			341E	-.2623		
156E	.0994			254E	-.3232			340E	-.2635		
155E	.0967			253E	-.4131			339E	-.2635		
154E	.0476			252E	-.5031			338E	-.2733		
153E	.0012			239E	-.5167			337E	-.2769		
139E	-.0342			238E	-.6658			336E	-.2733		
138E	-.0669			237E	-.4013			335E	-.2660		
137E	-.2005			236E	-.7220			334E	-.2696		
136E	-.3314			235E	-.6793			333E	-.2599		
135E	-.4840			234E	-.6525			332E	-.2672		
134E	-.6121			233E	-.6573			331E	-.2757		
133E	-.6721			232E	-.6744			314E	-.3147		
132E	-.6830			231E	-.6744			315E	-.3149		
131E	-.7512			230E	-.6817			316E	-.3404		
130E	-1.0701			215E	-.8231			317E	-.4085		
115E	-1.0238			216E	-.7490			318E	-.5191		
116E	-.8937			217E	.5874			319E	-.6383		
117E	.5363			218E	-.1702			320E	-.4766		
118E	-.2468			219E	-.4085			321E	-.4232		
119E	-.6213			220E	-.4936			322E	-.4281		
120E	-.6468			222E	-.3398			323E	-.4086		
121E	-.4411			223E	-.3532			324E	-.4208		
122E	-.3966			224E	-.3554			325E	-.4586		
123E	-.3688			225E	-.3465			326E	-.4732		

TABLE 58 .- TABULATED PRESSURE DATA FOR RUN 20 AT ALPHA = .002 DEGREES AND QINF = 2.90 KN/SQM ( 60.52 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.5501	124E	-.4517	* 214A	-.5678	226E	-.3882	* 313A	-.5580	327E	-.2811
* 113A	-.5419	125E	-.3225	* 213A	-.5678	227E	-.3314	* 312A	-.5726	328E	-.1749
* 112A	-.5473	126E	-.3156	* 212A	-.5678	228E	-.2613	* 311A	-.5702	329E	-.0993
* 111A	-.5173	127E	-.2513	* 211A	-.5665	229E	-.1499	* 310A	-.5623	330E	-.0724
* 110A	-.5453	128E	-.1811	* 210A	-.5794	259E	-.0853	* 309A	-.5453		
* 109A	-.5538	129E	-.1165	* 209A	-.6049	260E	-.0263	* 308A	-.5263		
* 108A	-.6901	161E	-.0731	* 208A	-.6475			* 301A	-.5623		
* 101A	.0509	162E	-.0352	* 201A	-.5283			* 302A	-.0257		
* 102A	.7152			* 202A	.5364			* 303A	.7238		
* 103A	.7152			* 203A	.7238			* 304A	.7152		
* 104A	.4427			* 204A	.6386			* 305A	.5790		
* 105A	.2213			* 206A	.2979			* 307A	.0509		
* 106A	.0424			* 207A	-.1109			* 345E	.0398		
* 107A	-.1876			* 264E	.0010			* 344E	.0239		
* 166E	.0419			* 263E	.1592			* 343E	.0008		
* 165E	.2519			* 262E	.1565			* 342E	-.0273		
* 164E	.2847			* 255E	.1401			* 341E	-.0785		
* 156E	.2956			* 254E	.0937			* 340E	-.1383		
* 155E	.2928			* 253E	.0501			* 339E	-.1835		
* 154E	.2710			* 252E	-.0072			* 338E	-.2457		
* 153E	.2356			* 239E	-.0481			* 337E	-.3555		
* 139E	.2026			* 238E	-.1818			* 336E	-.3994		
* 138E	.1401			* 237E	-.2091			* 335E	-.4470		
* 137E	.0337			* 236E	-.4128			* 334E	-.4970		
* 136E	-.1000			* 235E	-.5470			* 333E	-.5543		
* 135E	-.1273			* 234E	-.5958			* 332E	-.5824		
* 134E	-.3619			* 233E	-.5787			* 331E	-.5897		
* 133E	-.5801			* 232E	-.5763			* 314E	-.5983		
* 132E	-.5310			* 231E	-.5873			* 315E	-.5794		
* 131E	-.5226			* 220E	-.5934			* 316E	-.5709		
* 130E	-.5610			* 215E	-.5714			* 317E	-.5453		
* 115E	-.5692			* 216E	-.5879			* 318E	-.6049		
* 116E	-.5453			* 217E	-.5879			* 319E	-.6390		
* 117E	.5960			* 218E	-.5197			* 320E	-.5538		
* 118E	-.6134			* 219E	-.7071			* 321E	-.4677		
* 119E	-1.0223			* 220E	-.7327			* 322E	-.4433		
* 120E	-1.0052			* 222E	-.4751			* 323E	-.4031		
* 121E	-.7245			* 223E	-.4517			* 324E	-.3701		
* 122E	-.5653			* 224E	-.4361			* 325E	-.3665		
* 123E	-.4951			* 225E	-.3904			* 326E	-.3457		

TABLE S9 .- TABULATED PRESSURE DATA FOR RUN 20 AT ALPHA = 4.070 DEGREES AND QINF = 2.89 KN/SQM ( 60.43 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.3090	124E	-.5495	214A	-.4635	226E	-.4257	313A	-.5002	327E	-.2350
113A	-.3090	125E	-.3876	213A	-.4684	227E	-.3410	312A	-.5099	328E	-.1593
112A	-.3534	126E	-.3265	212A	-.4574	228E	-.2662	311A	-.5136	329E	-.1178
111A	-.3499	127E	-.2439	211A	-.4452	229E	-.1804	310A	-.5729	330E	-.0872
110A	-.3682	128E	-.1737	210A	-.5303	259E	-.1413	309A	-.5558		
109A	-.4620	129E	-.1146	209A	-.5217	260E	-.1146	308A	-.5644		
108A	-.2403	161E	-.0900	208A	-.6411			301A	-.7094		
101A	.4677	162E	-.0722	201A	-.4450			302A	.3227		
102A	.7236			202A	.7662			303A	.7577		
103A	.4762			203A	.6809			304A	.5615		
104A	.1009			204A	.4933			305A	.3824		
105A	-.0867			206A	.0583			307A	-.1464		
106A	-.2403			207A	-.3426			345E	.1975		
107A	-.3511			264E	-.1205			344E	.2207		
166E	-.0139			263E	.2374			343E	.2036		
165E	.2265			262E	.2702			342E	.1950		
164E	.2729			255E	.2483			341E	.1571		
156E	.3030			254E	.2620			340E	.0936		
155E	.3111			253E	.2183			339E	.0557		
154E	.3002			252E	.1718			338E	-.0041		
153E	.2784			239E	.1445			337E	.0753		
139E	.2456			238E	.0598			336E	.1339		
138E	.2046			237E	-.0750			335E	.0191		
137E	.0981			236E	.0557			334E	-.3853		
136E	-.0522			235E	.1681			333E	-.5466		
135E	-.0085			234E	.1510			332E	-.6040		
134E	.1554			233E	-.3132			331E	-.6847		
133E	.1281			232E	-.6077			314E	-.7775		
132E	-.5412			231E	-.6150			315E	-.7264		
131E	-.4756			230E	-.7494			316E	-.7691		
130E	-.4374			215E	-.7995			317E	-.8714		
115E	-.4264			216E	-.8203			318E	-.8458		
116E	-.3682			217E	-1.0506			319E	-.8900		
117E	-.6156			218E	-1.1700			320E	-.7008		
118E	-1.2211			219E	-1.1358			321E	-.6236		
119E	-1.4941			220E	-1.2467			322E	-.5503		
120E	-1.3917			222E	-.7190			323E	-.4745		
121E	-1.0112			223E	-.6320			324E	-.4024		
122E	-.7870			224E	-.5584			325E	-.3548		
123E	-.6367			225E	-.4770			326E	-.3022		



TABLE 60 .- TABULATED PRESSURE DATA FOR RUN 20 AT ALPHA = 8.129 DEGREES AND QINF = 2.89 KN/SQM ( 60.34 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
114A	-.2097	124E	-.6200	214A	-.4670	226E	-.4603	313A	-.4400	327E	-.2724	
113A	-.2699	125E	-.4055	213A	-.5991	227E	-.3475	312A	-.6052	328E	-.2247	
112A	-.2699	126E	-.3274	212A	-.5918	228E	-.2737	311A	-.5820	329E	-.2125	
111A	-.2480	127E	-.2391	211A	-.5563	229E	-.2179	310A	-.6778	330E	-.1782	
110A	-.2592	128E	-.1810	210A	-.6693	259E	-.1989	309A	-.6693			
109A	-.1653	129E	-.1306	209A	-.7718	260E	-.1900	308A	-.9597			
108A	.2523	161E	-.1152	208A	-.3874			301A	-.5753			
101A	.6719	162E	-.1006	201A	.0312			302A	.6463			
102A	.3558			202A	.7317			303A	.6719			
103A	-.1311			203A	.3814			304A	.3131			
104A	-.5155			204A	.1423			305A	.1252			
105A	-.5924			206A	-.2507			307A	-.4472			
106A	-.6522			207A	-.6607			345E	.2329			
107A	-.6266			264E	-.2344			344E	.2831			
166E	-.0483			263E	.2909			343E	.2819			
165E	.2225			262E	.3402			342E	.2623			
164E	.2773			255E	.3265			341E	.1962			
156E	.2992			254E	.3375			340E	.1081			
155E	.3128			253E	.2909			339E	.0384			
154E	.3046			252E	.2171			338E	-.0363			
153E	.2937			239E	.1596			337E	.0335			
139E	.2691			238E	.0447			336E	.0934			
138E	.2362			237E	-.0766			335E	.2574			
137E	.1432			236E	.0396			334E	.4813			
136E	.0009			235E	.1351			333E	.6000			
135E	.0557			234E	.2868			332E	-.1513			
134E	.1815			233E	.5107			331E	-1.4703			
133E	.4934			232E	.7640			314E	-2.4223			
132E	.5454			231E	-.0754			315E	-1.6687			
131E	-.3493			230E	-2.0968			316E	-1.2843			
130E	-1.0168			215E	-2.3134			317E	-1.4722			
115E	-.7350			216E	-1.8225			318E	-1.3697			
116E	-.5497			217E	-1.7029			319E	-1.3954			
117E	-1.2160			218E	-1.8652			320E	-.9341			
118E	-1.8737			219E	-1.6858			321E	-.7288			
119E	-2.0702			220E	-1.9079			322E	-.6175			
120E	-1.8737			222E	-.8791			323E	-.5220			
121E	-1.2979			223E	-.7529			324E	-.4205			
122E	-.9327			224E	-.6546			325E	-.3593			
123E	-.7484			225E	-.5429			326E	-.3103			
*****												

TABLE 61 .- TABULATED PRESSURE DATA FOR RUN 20 AT ALPHA = 12.184 DEGREES AND QINF = 2.89 KN/SQM ( 60.31 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.1173	124E	-.6756	214A	-.4861	226E	-.5046	313A	-.5130	327E	-.2878
113A	-.2186	125E	-.4342	213A	-.5302	227E	-.3951	312A	-.5008	328E	-.2462
112A	-.2323	126E	-.3281	212A	-.5461	228E	-.3247	311A	-.4641	329E	-.2351
111A	-.2350	127E	-.2443	211A	-.5302	229E	-.2733	310A	-.3967	330E	-.2168
110A	-.6136	128E	-.1873	210A	-.3625	259E	-.2599	309A	-.3368		
109A	-.2785	129E	-.1437	209A	-.2770	260E	-.2476	308A	-.1744		
108A	-.6289	161E	-.1247	208A	-.3811			301A	-.3127		
101A	-.5520	162E	-.1124	201A	-.5606			302A	-.7144		
102A	-.3283			202A	-.2529			303A	-.1076		
103A	-.9522			203A	-.3283			304A	-.2941		
104A	-1.3197			204A	-.4736			305A	-.4223		
105A	-1.1915			206A	-.7642			307A	-.9351		
106A	-1.1146			207A	-1.1317			345E	-.2337		
107A	-.9778			264E	-.2816			344E	-.2851		
166E	-.0571			263E	-.3042			343E	-.2839		
165E	-.2385			262E	-.3508			342E	-.2705		
164E	-.2933			255E	-.3371			341E	-.2092		
156E	-.3234			254E	-.3535			340E	-.1297		
155E	-.3371			253E	-.3097			339E	-.0893		
154E	-.3426			252E	-.2413			338E	-.0366		
153E	-.3261			239E	-.2139			337E	-.1272		
139E	-.3015			238E	-.1208			336E	-.1933		
138E	-.2714			237E	-.0307			335E	-.3488		
137E	-.1893			236E	-.1468			334E	-.5116		
136E	-.0852			235E	-.2533			333E	-.7589		
135E	-.1591			234E	-.3855			332E	-.6169		
134E	-.2851			233E	-.5716			331E	-.4371		
133E	-.5177			232E	-.7687			314E	-3.2859		
132E	-.7203			231E	-.4884			315E	-2.4479		
131E	-.3754			230E	-1.6622			316E	-2.3453		
130E	-1.0371			215E	-3.6258			317E	-2.3111		
115E	-1.3190			216E	-2.4137			318E	-1.9949		
116E	-.7984			217E	-2.9863			319E	-2.0291		
117E	-2.0120			218E	-2.8923			320E	-1.2257		
118E	-2.7384			219E	-2.3795			321E	-.9281		
119E	-2.7641			220E	-2.6188			322E	-.7726		
120E	-2.4222			222E	-1.0991			323E	-.6379		
121E	-1.5673			223E	-.9091			324E	-.4922		
122E	-1.0845			224E	-.7672			325E	-.4102		
123E	-.8488			225E	-.6130			326E	-.3417		

TABLE 62. -- TABULATED PRESSURE DATA FOR RUN 20 AT ALPHA = 16.285 DEGREES AND QINF = 2.89 KN/SQM ( 60.46 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.0597	124E	-.6865	214A	-.2497	226E	-.4992	313A	-.2901	327E	-.4452
113A	-.0523	125E	-.4870	213A	-.3475	227E	-.4012	312A	-.2901	328E	-.3890
112A	-.0741	126E	-.4903	212A	-.3621	228E	-.3510	311A	-.2766	329E	-.3572
111A	-.0605	127E	-.4859	211A	-.3296	229E	-.3265	310A	-.0613	330E	-.3120
110A	.2201	128E	-.4781	210A	.0240	259E	-.3231	309A	.1263		
109A	.5100	129E	-.4747	209A	.2883	260F	-.3187	308A	.4844		
108A	.6720	161E	-.4556	208A	.7572			301A	.7402		
101A	.2798	162E	-.4535	201A	.6038			302A	.2286		
102A	-.8968			202A	-.7433			303A	-.7519		
103A	-1.5022			203A	-1.3146			304A	-1.0162		
104A	-1.7068			204A	-1.2293			305A	-.9394		
105A	-1.4340			205A	-1.2464			307A	-1.3657		
106A	-1.3316			207A	-1.5704			345E	.1936		
107A	-1.1014			264E	-.3500			344E	.2656		
166E	-.2981			263E	.2918			343E	.2717		
165E	.1389			262E	.3573			342E	.2705		
164E	.2317			255E	.3491			341E	.2265		
156E	.2809			254E	.3764			340E	.1520		
155E	.3000			253E	.3409			339E	.1325		
154E	.3109			252E	.2754			338E	.0910		
153E	.3000			239E	.2426			337E	.2046		
139E	.2809			238E	.1716			336E	.2778		
138E	.2590			237E	-.0153			335E	.4256		
137E	.1962			236E	.2180			334E	.5746		
136E	.1170			235E	.3304			333E	.7529		
135E	.2017			234E	.4732			332E	.6357		
134E	.3355			233E	.6442			331E	-.1691		
133E	.5321			232E	.7749			314E	-3.3506		
132E	.7041			231E	.5148			315E	-2.9345		
131E	.5239			230E	-1.4210			316E	-3.0198		
130E	-.5302			215E	-3.7743			317E	-2.8834		
115E	-.9999			216E	-2.9842			318E	-2.4059		
116E	-.7007			217E	-3.8724			319E	-2.3633		
117E	-2.1416			218E	-3.5484			320E	-1.4340		
118E	-2.8067			219E	-2.8910			321E	-1.0253		
119E	-2.7214			220E	-3.0624			322E	-.8567		
120E	-2.3292			222E	-1.2227			323E	-.7493		
121E	-1.4690			223E	-.9953			324E	-.6515		
122E	-1.0109			224E	-.8136			325E	-.5954		
123E	-.8136			225E	-.6230			326E	-.5306		

TABLE 63 .- TABULATED PRESSURE DATA FOR RUN 20 AT ALPHA = 20.276 DEGREES AND QINF = 2.89 KN/SQM ( 60.38 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.3887	124E	-.7017	* 214A	.0818	226E	-.6548	* 313A	-.0747	327E	-.6213
* 113A	.1535	125E	-.5041	* 213A	-.1530	227E	-.6124	* 312A	-.1102	328E	-.5541
* 112A	.0852	126E	-.5599	* 212A	-.1884	228E	-.5677	* 311A	-.0674	329E	-.5260
* 111A	.0687	127E	-.5867	* 211A	-.1322	229E	-.5286	* 310A	.2355	330E	-.4587
* 110A	.4404	128E	-.6191	* 210A	.3209	259E	-.4974	* 309A	.4661		
* 109A	.6539	129E	-.5923	* 209A	.5770	260E	-.4916	* 308A	.7393		
* 108A	.5344	161E	-.6012	* 208A	.7051			* 301A	.7307		
* 101A	-.3450	162E	-.6012	* 201A	.3124			* 302A	-.7975		
* 102A	-1.9159			* 202A	-1.9245			* 303A	-1.8476		
* 103A	-2.4196			* 203A	-2.2062			* 304A	-1.7025		
* 104A	-2.4026			* 204A	-1.9330			* 305A	-1.4976		
* 105A	-2.0611			* 206A	-1.5744			* 307A	-1.6769		
* 106A	-1.6256			* 207A	-1.8818			* 345E	.1674		
* 107A	-1.3354			* 264E	-.5110			* 344E	.2482		
* 166E	-.4317			* 263E	.2656			* 343E	.2555		
* 165E	.1098			* 262E	.3395			* 342E	.2555		
* 164E	.2055			* 255E	.3312			* 341E	.2164		
* 156E	.2629			* 254E	.3613			* 340E	.1430		
* 155E	.2875			* 253E	.3312			* 339E	.1442		
* 154E	.3039			* 252E	.2656			* 338E	.1185		
* 153E	.3012			* 239E	.2465			* 337E	.2518		
* 139E	.2793			* 238E	.2137			* 336E	.3313		
* 138E	.2547			* 237E	.0647			* 335E	.4878		
* 137E	.2164			* 236E	.2836			* 334E	.6236		
* 136E	.1699			* 235E	.4035			* 333E	.7557		
* 135E	.2848			* 234E	.5465			* 332E	.6358		
* 134E	.4188			* 233E	.6835			* 331E	-.0747		
* 133E	.5938			* 232E	.7789			* 314E	-3.0293		
* 132E	.7059			* 231E	.5343			* 315E	-3.0685		
* 131E	.5773			* 230E	-1.1900			* 316E	-3.2649		
* 130E	-.2320			* 215E	-3.3387			* 317E	-3.2563		
* 115E	-.7899			* 216E	-3.2819			* 318E	-2.5562		
* 116E	-.7207			* 217E	-4.1869			* 319E	-2.2489		
* 117E	-2.4709			* 218E	-3.7344			* 320E	-1.3012		
* 118E	-3.1966			* 219E	-2.8465			* 321E	-1.0066		
* 119E	-3.0258			* 220E	-2.7697			* 322E	-.9136		
* 120E	-2.4538			* 222E	-1.1414			* 323E	-.8305		
* 121E	-1.5299			* 223E	-.9885			* 324E	-.7583		
* 122E	-1.0477			* 224E	-.8501			* 325E	-.7180		
* 123E	-.8356			* 225E	-.7495			* 326E	-.6862		

TABLE 64 .- TABULATED PRESSURE DATA FOR RUN 20 AT ALPHA = 24.345 DEGREES AND QINF = 2.88 KN/SQM ( 60.25 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.5947	124E	-.7141	214A	.4074	226E	-.7588	313A	.1072	327E	-.6417
113A	.3563	125E	-.5362	213A	.0459	227E	-.7163	312A	.0336	328E	-.6159
112A	.2467	126E	-.6100	212A	.0299	228E	-.6816	311A	.1010	329E	-.6061
111A	.2577	127E	-.6335	211A	.1072	229E	-.6559	310A	.4469	330E	-.5571
110A	.6009	128E	-.6481	210A	.5325	259E	-.6268	309A	.6351		
109A	.6950	129E	-.6749	209A	.7549	260E	-.6089	308A	.7464		
108A	.2587	161E	-.6436	208A	.3785			301A	.5068		
101A	-1.1973	162E	-.6190	201A	-.5028			302A	-1.5467		
102A	-3.0611			202A	-3.1467			303A	-2.4365		
103A	-3.4290			203A	-2.9584			304A	-2.0600		
104A	-3.1467			204A	-2.5991			305A	-1.7777		
105A	-2.2312			206A	-1.7092			307A	-1.6750		
106A	-1.9830			207A	-1.6547			345E	.1317		
107A	-1.5895			264E	-.5691			344E	.2236		
166E	-.4521			263E	.2412			343E	.2371		
165E	.1124			262E	.3070			342E	.2420		
164E	.2221			255E	.3125			341E	.2003		
156E	.2604			254E	.3426			340E	.1366		
155E	.2933			253E	.3262			339E	.1464		
154E	.3125			252E	.2796			338E	.1292		
153E	.3097			239E	.2714			337E	.2824		
139E	.2988			238E	.2248			336E	.3719		
138E	.2823			237E	.0998			335E	.5275		
137E	.2522			236E	.3327			334E	.6513		
136E	.2303			235E	.4601			333E	.7543		
135E	.3509			234E	.5949			332E	.6391		
134E	.4851			233E	.7126			331E	.0201		
133E	.6413			232E	.7641			314E	-2.7374		
132E	.7071			231E	.5545			315E	-2.8215		
131E	.6112			230E	-.8954			316E	-3.1210		
130E	.0056			215E	-2.9262			317E	-2.7702		
115E	-.5151			216E	-3.1210			318E	-1.9659		
116E	-.7681			217E	-3.7199			319E	-1.4526		
117E	-2.7445			218E	-3.2921			320E	-.9221		
118E	-3.4889			219E	-2.3424			321E	-.8512		
119E	-3.3178			220E	-1.9317			322E	-.8341		
120E	-2.5991			222E	-.9736			323E	-.7777		
121E	-1.5989			223E	-.9244			324E	-.7115		
122E	-1.0888			224E	-.9165			325E	-.6625		
123E	-.8640			225E	-.6304			326E	-.6588		

TABLE 65 .- TABULATED PRESSURE DATA FOR RUN 20 AT ALPHA = 28.310 DEGREES AND QINF = 2.89 KN/SQM ( 60.30 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.6570	124E	-.7035	214A	.5465	226E	-.6901	313A	.3200	327E	-.6804
113A	.7145	125E	-.6532	213A	.2073	227E	-.6945	312A	.1939	328E	-.6547
112A	.4490	126E	-.7191	212A	.1498	228E	-.6979	311A	.2379	329E	-.6412
111A	.2792	127E	-.6822	211A	.2122	229E	-.7158	310A	.5575	330E	-.5898
110A	.6943	128E	-.6733	210A	.6515	259E	-.6722	309A	.7199		
109A	.5831	129E	-.6789	209A	.7712	260E	-.6420	308A	.6772		
108A	-.2375	161E	-.6353	208A	.0788			301A	.1301		
101A	-2.2806	162E	-.6409	201A	-.9470			302A	-2.7080		
102A	-4.4091			202A	-3.7680			303A	-3.3933		
103A	-4.3920			203A	-3.3149			304A	-2.7336		
104A	-3.9817			204A	-2.9901			305A	-1.8360		
105A	-2.6738			206A	-1.6907			307A	-1.8189		
106A	-2.2549			207A	-1.8275			345E	.1351		
107A	-1.7677			264E	-.6626			344E	.2330		
166E	-.4847			263E	.2162			343E	.2453		
165E	.0602			262E	.2902			342E	.2477		
164E	.1889			255E	.3066			341E	.2159		
156E	.2409			254E	.3312			340E	.1571		
155E	.2819			253E	.3175			339E	.1767		
154E	.3093			252E	.2847			338E	.1718		
153E	.3066			239E	.2518			337E	.3322		
139E	.3121			238E	.2108			336E	.4192		
138E	.3036			237E	.1167			335E	.5685		
137E	.2710			236E	.3592			334E	.6763		
136E	.2710			235E	.4841			333E	.7596		
135E	.4024			234E	.6200			332E	.6457		
134E	.5530			233E	.7277			331E	.0984		
133E	.6617			222E	.7608			314E	-2.4657		
132E	.7282			231E	.5796			315E	-2.8618		
131E	.6242			230E	-.6204			316E	-3.1696		
130E	.1149			215E	-2.3934			317E	-2.7678		
115E	-.3779			216E	-2.9302			318E	-1.8275		
116E	-.8872			217E	-3.5201			319E	-1.3060		
117E	-3.0670			218E	-2.8362			320E	-.9385		
118E	-3.7252			219E	-1.7249			321E	-.8396		
119E	-3.4346			220E	-1.1949			322E	-.8077		
120E	-2.6396			222E	-.7974			323E	-.7600		
121E	-1.5596			223E	-.7650			324E	-.7086		
122E	-.9538			224E	-.7515			325E	-.6841		
123E	-.7840			225E	-.7247			326E	-.6853		

TABLE 66 .- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 20

ALPHA	COMPONENT-STATION					
	A-A	E-A	A-B	E-B	A-C	E-C
-4.010	-.14849	-.01456	-.16551	-.19693	-.10300	.16491
.002	-.10527	.30689	-.13966	.11780	-.13718	.10559
4.070	-.05436	.61856	-.11023	.56324	-.11807	.42401
8.129	.01261	.85763	-.08594	.91552	-.10308	.72982
12.184	.09905	1.08006	.00256	1.21918	-.02808	1.00922
16.285	.16177	1.16298	.12892	1.40535	.08266	1.23623
20.276	.26446	1.28042	.24382	1.50811	.20086	1.34763
24.345	.35817	1.36200	.34418	1.44583	.26924	1.22516
28.310	.45663	1.43452	.39097	1.28698	.34801	1.24862

TABLE 67 .- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 20

ALPHA	COMPONENT-STATION					
	A-A	E-A	A-B	E-B	A-C	E-C
-4.010	-.01577	-.04579	-.01092	-.00277	-.00700	-.00142
.002	.00299	-.04118	-.00551	-.04629	-.00873	-.03823
4.070	.01785	-.06498	-.00082	-.08232	-.00690	-.06435
8.129	.03670	-.09671	.01485	-.14319	-.00243	-.11270
12.184	.05186	-.14530	.04219	-.21341	.02883	-.16014
16.285	.04653	-.11944	.04901	-.25083	.04646	-.18265
20.276	.03296	-.12288	.03842	-.24149	.04610	-.17864
24.345	.00800	-.12823	.01087	-.19885	.03665	-.14942
28.310	-.02608	-.13521	-.00741	-.16499	.01899	-.14353



TABLE 68.- PITCHING-MOMENT COEFFICIENT FOR RUN 20

ALPHA	COMPONENT-STATION					
	A-A	E-A	A-B	E-B	A-C	E-C
-4.010	.00925	-.04334	.01203	.05763	.00762	-.07445
.002	.00595	-.17234	.00954	-.08493	.00990	-.06513
4.070	.00228	-.24666	.00684	-.23912	.00789	-.19341
8.129	-.00195	-.29321	.00450	-.30922	.00579	-.25155
12.184	-.00708	-.34335	-.00129	-.38173	.00055	-.30918
16.285	-.01065	-.40467	-.00943	-.42468	-.00690	-.39116
20.276	-.01664	-.44843	-.01684	-.48989	-.01441	-.44845
24.345	-.02170	-.48277	-.02290	-.51149	-.01858	-.42937
28.310	-.02680	-.50389	-.02555	-.47541	-.02270	-.44624

TABLE 69.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 20 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.206	2.90 (60.47)	-6.08	-.2471	.1505	-.2177	.0004	.0036	-.0194
.206	2.90 (60.51)	-4.01	-.1114	.1202	-.1567	.0004	.0029	-.0118
.205	2.88 (60.17)	-1.99	.0167	.0938	-.0970	.0012	.0020	-.0107
.206	2.90 (60.47)	.00	.1862	.0733	-.0514	.0008	.0020	-.0064
.206	2.90 (60.47)	2.07	.3866	.0581	-.0306	.0030	.0020	-.0059
.206	2.89 (60.38)	4.07	.5872	.0589	-.0047	.0010	.0020	-.0044
.205	2.89 (60.29)	6.13	.7616	.0652	.0175	-.0012	.0017	-.0057
.205	2.89 (60.29)	8.13	.9540	.0764	.0505	-.0000	.0022	-.0026
.205	2.89 (60.27)	10.20	1.1369	.0882	.0739	-.0011	.0008	-.0019
.205	2.89 (60.26)	12.18	1.3121	.1106	.1165	-.0017	.0009	.0016
.205	2.89 (60.27)	14.22	1.4170	.1471	.1154	-.0057	.0004	.0023
.206	2.89 (60.41)	16.28	1.5175	.1975	.1193	-.0032	.0019	-.0013
.206	2.90 (60.51)	18.27	1.6082	.2398	.1381	-.0058	.0006	-.0015
.205	2.89 (60.33)	20.28	1.7122	.2929	.1829	-.0091	-.0026	.0061
.205	2.89 (60.31)	22.36	1.7648	.3495	.2138	-.0081	-.0031	.0019
.205	2.88 (60.20)	24.35	1.8321	.4139	.2746	-.0046	-.0014	.0066
.205	2.88 (60.18)	26.42	1.8446	.4784	.3161	.0015	.0020	.0031
.205	2.88 (60.25)	28.31	1.8480	.5525	.3528	-.0056	.0001	.0045

TABLE 70 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = -4.063 DEGREES AND QINF = 2.89 KN/SQM ( 60.31 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.0298	124E	-.3589	214A	-.6386	226E	-.3880	313A	-.2762	327E	-.4244
113A	-.7065	125E	-.2762	213A	-.6043	227E	-.3824	312A	-.2542	328E	-.3962
112A	-.7038	126E	-.2930	212A	-.6055	228E	-.3533	311A	-.2505	329E	-.3362
111A	-.6764	127E	-.2472	211A	-.6068	229E	-.2673	310A	-.2521	330E	-.2615
110A	-.6452	128E	-.1813	210A	-.7221	259E	-.2315	309A	-.2350		
109A	-1.2691	129E	-.1287	209A	-.7392	260E	-.1835	308A	-.8076		
108A	-1.3973	161E	-.0919	208A	-1.1580			301A	-1.0640		
101A	-1.1922	162E	-.0606	201A	-.9870			302A	-.3802		
102A	-.0128			202A	.2009			303A	.6111		
103A	.6881			203A	.7051			304A	.7650		
104A	.7821			204A	.7735			305A	.6624		
105A	.6539			206A	.4829			307A	.1838		
106A	.5086			207A	.1069			345E	-.2248		
107A	.2522			264E	-.0496			344E	-.2236		
166E	.0216			263E	-.1262			343E	-.2224		
165E	.1119			262E	-.1837			342E	-.2420		
164E	.1010			255E	-.2384			341E	-.2395		
156E	.0462			254E	-.2713			340E	-.2432		
155E	.0298			253E	-.3452			339E	-.2542		
154E	-.0167			252E	-.3972			338E	-.2640		
153E	-.0633			239E	-.4629			337E	-.2738		
139E	-.0687			238E	-.5970			336E	-.2787		
138E	-.1262			237E	-.3448			335E	-.2726		
137E	-.2111			236E	-.6900			334E	-.2860		
136E	-.3233			235E	-.7084			333E	-.2885		
135E	-.5149			234E	-.6814			332E	-.2762		
134E	-.6244			233E	-.6814			331E	-.2934		
133E	-.6326			232E	-.6974			314E	-.3521		
132E	-.6463			231E	-.6925			315E	-.3375		
131E	-.6572			230E	-.6925			316E	-.4144		
130E	-.6791			215E	-.8136			317E	-.4743		
115E	-.9830			216E	-.8588			318E	-.4999		
116E	-.8247			217E	.7137			319E	-.6281		
117E	.4658			218E	-.0897			320E	-.4572		
118E	-.3290			219E	-.3888			321E	-.4023		
119E	-.6708			220E	-.4572			322E	-.4195		
120E	-.6452			222E	-.3276			323E	-.3999		
121E	-.5098			223E	-.3343			324E	-.4072		
122E	-.4114			224E	-.3469			325E	-.4415		
123E	-.3991			225E	-.3422			326E	-.4476		

TABLE 71 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = -.035 DEGREES AND QINF = 2.88 KN/SQM ( 60.21 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.0538	124E	-.4482	* 214A	-.5884	226E	-.4012	* 313A	-.2855	327E	-.3321
* 113A	-.5556	125E	-.3385	* 213A	-.5798	227E	-.3464	* 312A	-.2683	328E	-.2622
* 112A	-.5528	126E	-.3106	* 212A	-.5945	228E	-.2792	* 311A	-.2597	329E	-.1947
* 111A	-.5638	127E	-.2445	* 211A	-.5871	229E	-.1684	* 310A	-.2967	330E	-.1395
* 110A	-.6734	128E	-.1785	* 210A	-.7076	259E	-.1024	* 309A	-.2624		
* 109A	-1.3326	129E	-.1147	* 209A	-.6820	260E	-.0386	* 308A	-.7419		
* 108A	-1.6323	161E	-.0789	* 208A	-.8104			* 301A	-1.1528		
* 101A	-.8960	162E	-.0419	* 201A	-.6734			* 302A	-.1083		
* 102A	.2855			* 202A	.5509			* 303A	.6879		
* 103A	.7478			* 203A	.7735			* 304A	.6964		
* 104A	.7221			* 204A	.6964			* 305A	.5595		
* 105A	.5338			* 206A	.3625			* 307A	.0030		
* 106A	.3540			* 207A	-.0998			* 345E	-.1027		
* 107A	.0458			* 264E	.0065			* 344E	-.1040		
* 166E	.0367			* 263E	.1546			* 343E	-.1040		
* 165E	.2588			* 262E	.1628			* 342E	-.1162		
* 164E	.2972			* 255E	.1217			* 341E	-.1236		
* 156E	.2999			* 254E	.0888			* 340E	-.1224		
* 155E	.2917			* 253E	.0833			* 339E	-.1444		
* 154E	.2807			* 252E	.0340			* 338E	-.1579		
* 153E	.2506			* 239E	-.0072			* 337E	-.1959		
* 139E	.2067			* 238E	-.0894			* 336E	-.2376		
* 138E	.1436			* 237E	-.1346			* 335E	-.2830		
* 137E	.0449			* 236E	-.2732			* 334E	-.3063		
* 136E	-.0977			* 235E	-.3946			* 333E	-.3186		
* 135E	-.0922			* 234E	-.5234			* 332E	-.3345		
* 134E	-.1552			* 233E	-.6460			* 331E	-.3958		
* 133E	-.5967			* 232E	-.6693			* 314E	-.5626		
* 132E	-.6872			* 231E	-.6239			* 315E	-.5878		
* 131E	-.6187			* 230E	-.6435			* 316E	-.6135		
* 130E	-.5995			* 215E	-.6227			* 317E	-.6991		
* 115E	-.6132			* 216E	-.6477			* 318E	-.7419		
* 116E	-.6734			* 217E	-.6391			* 319E	-.7932		
* 117E	-.1083			* 218E	-.5707			* 320E	-.6049		
* 118E	-.7162			* 219E	-.6391			* 321E	-.4952		
* 119E	-1.1357			* 220E	-.8275			* 322E	-.4486		
* 120E	-1.0073			* 222E	-.4706			* 323E	-.4204		
* 121E	-.7303			* 223E	-.4471			* 324E	-.3860		
* 122E	-.5758			* 224E	-.4303			* 325E	-.3909		
* 123E	-.5031			* 225E	-.3856			* 326E	-.3725		

TABLE 72 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = 4.025 DEGREES AND QINF = 2.88 KN/SQM ( 60.07 LB/SQFT )

*****														
WING STATION A				*	WING STATION B				*	WING STATION C				*
TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*
114A	-.1194	124E	-.5626	*	214A	-.4666	226E	-.4426	*	313A	-.4174	327E	-.2134	*
113A	-.1633	125E	-.4224	*	213A	-.4801	227E	-.3539	*	312A	-.4101	328E	-.1310	*
112A	-.2678	126E	-.3382	*	212A	-.4728	228E	-.2855	*	311A	-.3929	329E	-.0941	*
111A	-.3640	127E	-.2586	*	211A	-.4777	229E	-.1912	*	310A	-.4713	330E	-.0732	*
110A	-.6257	128E	-.1890	*	210A	-.6257	259E	-.1520	*	309A	-.6772			*
109A	-1.0548	129E	-.1239	*	209A	-.6772	260E	-.1172	*	308A	-1.1235			*
108A	-1.1836	161E	-.0981	*	208A	-.8145			*	301A	-1.2865			*
101A	-.2739	162E	-.0689	*	201A	-.2224			*	302A	.1724			*
102A	.5843			*	202A	.7560			*	303A	.7302			*
103A	.7302			*	203A	.7216			*	304A	.5586			*
104A	.5157			*	204A	.5242			*	305A	.3955			*
105A	.2582			*	206A	.0866			*	307A	-.1451			*
106A	.0093			*	207A	-.3168			*	345E	.1800			*
107A	-.1881			*	264E	-.1276			*	344E	.1972			*
166E	.0071			*	263E	.2572			*	343E	.1911			*
165E	.2517			*	262E	.2957			*	342E	.1677			*
164E	.2957			*	255E	.2764			*	341E	.1320			*
156E	.3122			*	254E	.2819			*	340E	.0767			*
155E	.3094			*	253E	.2517			*	339E	.0399			*
154E	.3067			*	252E	.1912			*	338E	-.0032			*
153E	.2737			*	239E	.1500			*	337E	.0017			*
139E	.2490			*	238E	.0511			*	336E	.0448			*
138E	.1995			*	237E	-.0769			*	335E	-.0253			*
137E	.0923			*	236E	.0312			*	334E	-.2687			*
136E	-.0589			*	235E	.1394			*	333E	-.4580			*
135E	-.0149			*	234E	.3005			*	332E	-.5219			*
134E	.1418			*	233E	-.1286			*	331E	-.6289			*
133E	.6173			*	232E	-.6190			*	314E	-.7961			*
122E	-.4822			*	231E	-.6399			*	315E	-.7716			*
131E	-.7790			*	230E	-.8735			*	316E	-.8403			*
130E	-.8670			*	215E	-.9509			*	317E	-.9175			*
115E	-.6553			*	216E	-.8403			*	318E	-.9089			*
116E	-.6686			*	217E	-1.0377			*	319E	-.9175			*
117E	-.9433			*	218E	-1.1578			*	320E	-.7373			*
118E	-1.4238			*	219E	-1.1578			*	321E	-.6129			*
119E	-1.6126			*	220E	-1.3123			*	322E	-.5330			*
120E	-1.3895			*	222E	-.7219			*	323E	-.4678			*
121E	-1.0563			*	223E	-.6412			*	324E	-.3879			*
122E	-.8050			*	224E	-.5716			*	325E	-.3400			*
123E	-.6681			*	225E	-.4830			*	326E	-.2884			*
*****														

TABLE 73 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = 8.147 DEGREES AND QINF = 2.91 KN/SQM ( 60.73 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
114A	-.2483	124E	-.6397	214A	-.5136	226E	-.4566	313A	-.5549	327E	-.2595	
113A	-.4005	125E	-.4521	213A	-.5853	227E	-.3445	312A	-.6109	328E	-.2121	
112A	-.4468	126E	-.3334	212A	-.5902	228E	-.2701	311A	-.5781	329E	-.2072	
111A	-.4060	127E	-.2457	211A	-.5586	229E	-.2102	310A	-.7181	330E	-.1853	
110A	-.5144	128E	-.1847	210A	-.6927	259E	-.2047	309A	-.8370			
109A	-.6247	129E	-.1414	209A	-.8030	260E	-.1902	308A	-1.2189			
108A	-.2937	161E	-.1192	208A	-.3956			301A	-.7266			
101A	.4108	162E	-.1037	201A	.3938			302A	.5975			
102A	.7249			202A	.7673			303A	.6739			
103A	.4702			203A	.3599			304A	.3429			
104A	.0798			204A	.1137			305A	.1731			
105A	-.1834			206A	-.2767			307A	-.4465			
106A	-.3616			207A	-.6757			345E	.2281			
107A	-.4889			264E	-.2293			344E	.2730			
166E	-.0444			263E	.2927			343E	.2743			
165E	.2356			262E	.3389			342E	.2621			
164E	.2954			255E	.3144			341E	.1977			
156E	.3199			254E	.3362			340E	.1053			
155E	.3226			253E	.2954			339E	.0408			
154E	.3253			252E	.2247			338E	-.0297			
153E	.3036			239E	.1731			337E	-.0078			
139E	.2682			238E	.0643			336E	.0967			
138E	.2275			237E	-.0577			335E	.2499			
137E	.1486			236E	.0578			334E	.4554			
136E	.0127			235E	.1393			333E	.8068			
135E	.0834			234E	.2852			332E	.0043			
134E	.2383			233E	.5296			331E	-1.3854			
133E	.5945			232E	.7545			314E	-2.2924			
132E	.3906			231E	-.0638			315E	-1.7197			
131E	-.5501			230E	-2.1732			316E	-1.2868			
130E	-1.4934			215E	-2.4030			317E	-1.4226			
115E	-1.0503			216E	-1.7367			318E	-1.3378			
116E	-.9473			217E	-1.7112			319E	-1.2953			
117E	-1.7027			218E	-1.9319			320E	-.8624			
118E	-2.2545			219E	-1.7791			321E	-.7094			
119E	-2.3054			220E	-2.0083			322E	-.6012			
120E	-1.8555			222E	-.8827			323E	-.5112			
121E	-1.3311			223E	-.7762			324E	-.4163			
122E	-.9671			224E	-.6674			325E	-.3568			
123E	-.7817			225E	-.5498			326E	-.3069			
*****												

TABLE 74 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = 12.167 DEGREES AND QINF = 2.89 KN/SQM ( 60.30 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.5038	124E	-.7120	214A	-.5026	226E	-.5231	313A	-.5259	327E	-.3067
113A	-.3341	125E	-.4862	213A	-.5467	227E	-.3889	312A	-.5259	328E	-.2638
112A	-.3888	126E	-.3398	212A	-.5173	228E	-.3062	311A	-.4916	329E	-.2479
111A	-.3669	127E	-.2481	211A	-.5050	229E	-.2447	310A	-.3972	330E	-.2246
110A	-.3544	128E	-.1933	210A	-.3032	259E	-.2235	309A	-.3715		
109A	-.1065	129E	-.1497	209A	-.2433	260E	-.2067	308A	-.2690		
108A	.3380	161E	-.1464	208A	.3893			301A	.2782		
101A	.7056	162E	-.1274	201A	.7569			302A	.7227		
102A	.4150			202A	.1500			303A	.0901		
103A	-.1578			203A	-.3886			304A	-.3117		
104A	-.5682			204A	-.5853			305A	-.3801		
105A	-.7477			206A	-.7733			307A	-.9358		
106A	-.9016			207A	-1.1666			345E	.2285		
107A	-.9614			264E	-.2465			344E	.2762		
166E	-.0521			263E	.3203			343E	.2799		
165E	.2464			262E	.3641			342E	.2628		
164E	.3149			255E	.3477			341E	.2052		
156E	.3340			254E	.3587			340E	.1268		
155E	.3477			253E	.3258			339E	.0840		
154E	.3477			252E	.2656			338E	.0362		
153E	.3231			239E	.2327			337E	.0717		
139E	.3176			238E	.1287			336E	.1868		
138E	.2793			237E	-.0177			335E	.3473		
137E	.1999			236E	.1660			334E	.5114		
136E	.1040			235E	.2652			333E	.7575		
135E	.1916			234E	.3938			332E	.6167		
134E	.3313			233E	.5836			331E	-.4622		
133E	.5887			232E	.7746			314E	-3.3864		
132E	.6681			231E	.4905			315E	-2.5772		
131E	-.0904			230E	-1.6978			316E	-2.3720		
130E	-1.7415			215E	-3.9338			317E	-2.2523		
115E	-1.6566			216E	-2.4746			318E	-1.9018		
116E	-1.3119			217E	-3.0560			319E	-1.9189		
117E	-2.6114			218E	-2.9534			320E	-1.1837		
118E	-3.2355			219E	-2.4233			321E	-.9042		
119E	-3.0901			220E	-2.6969			322E	-.7475		
120E	-2.3122			222E	-1.1177			323E	-.6263		
121E	-1.6274			223E	-.9400			324E	-.4867		
122E	-1.1333			224E	-.8047			325E	-.4107		
123E	-.8897			225E	-.6404			326E	-.3532		

TABLE 75 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = 16.189 DEGREES AND QINF = 2.90 KN/SQM ( 60.66 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.7100	124E	-.7141	214A	-.2090	226E	-.5341	313A	-.3063	327E	-.4475
113A	-.2120	125E	-.4919	213A	-.3441	227E	-.3919	312A	-.3088	328E	-.4037
112A	-.2637	126E	-.3442	212A	-.3599	228E	-.3219	311A	-.2881	329E	-.3587
111A	-.2419	127E	-.2619	211A	-.3149	229E	-.2797	310A	-.0916	330E	-.3295
110A	-.2021	128E	-.2142	210A	.0698	259E	-.2664	309A	.0953		
109A	.3333	129E	-.1742	209A	.3248	260E	-.2542	308A	.4352		
108A	.6817	161E	-.1542	208A	.7667			301A	.6902		
101A	.5967	162E	-.1353	201A	.5287			302A	.2398		
102A	-.2361			202A	-.9754			303A	-.6949		
103A	-.9159			203A	-1.4342			304A	-.9669		
104A	-1.3408			204A	-1.3832			305A	-.9159		
105A	-1.3663			206A	-1.3068			307A	-1.3238		
106A	-1.4257			207A	-1.6467			345E	.1891		
107A	-1.3832			264E	-.3018			344E	.2560		
166E	-.0705			263E	.3133			343E	.2645		
165E	.2561			262E	.3732			342E	.2572		
164E	.3215			255E	.3541			341E	.2061		
156E	.3432			254E	.3895			340E	.1343		
155E	.3541			253E	.3596			339E	.1160		
154E	.3568			252E	.2997			338E	.0819		
153E	.3351			239E	.2616			337E	.1355		
139E	.3405			238E	.1799			336E	.2682		
138E	.2997			237E	.0101			335E	.4228		
137E	.2507			236E	.2365			334E	.5737		
136E	.1626			235E	.3497			333E	.7514		
135E	.2643			234E	.4921			332E	.6394		
134E	.4031			233E	.6613			331E	-.1810		
133E	.6317			232E	.7770			314E	-3.4078		
132E	.6916			231E	.5214			315E	-3.0063		
131E	.1799			230E	-1.4408			316E	-2.9723		
130E	-1.5102			215E	-3.8411			317E	-2.7939		
115E	-1.8831			216E	-3.1762			318E	-2.2670		
116E	-1.6722			217E	-4.0345			319E	-2.2585		
117E	-3.3547			218E	-3.7031			320E	-1.3323		
118E	-4.0515			219E	-3.0318			321E	-.9770		
119E	-3.6861			220E	-3.2867			322E	-.8297		
120E	-2.6239			222E	-1.2863			323E	-.7384		
121E	-1.8184			223E	-1.0374			324E	-.6459		
122E	-1.2252			224E	-.8719			325E	-.5753		
123E	-.9252			225E	-.6752			326E	-.5096		



TABLE 76 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = 20.279 DEGREES AND QINF = 2.90 KN/SQM ( 60.46 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.8501	124E	-.7294	214A	.1515	226E	-.5087	313A	-.0610	327E	-.6069
113A	-.0528	125E	-.5454	213A	-.1892	227E	-.4162	312A	-.1013	328E	-.5788
112A	-.1184	126E	-.5577	212A	-.2088	228E	-.3905	311A	-.0463	329E	-.5336
111A	-.0938	127E	-.6224	211A	-.1562	229E	-.3816	310A	.2877	330E	-.4896
110A	-.0107	128E	-.6023	210A	.3559	259E	-.3849	309A	.4838		
109A	.5350	129E	-.6145	209A	.6458	260E	-.3582	308A	.7396		
108A	.7396	161E	-.5700	208A	.6628			301A	.7481		
101A	.3900	162E	-.5432	201A	-.2323			302A	-.6671		
102A	-.6330			202A	-.23466			303A	-1.7157		
103A	-1.3662			203A	-2.5597			304A	-1.5878		
104A	-1.6219			204A	-2.2528			305A	-1.3321		
105A	-1.5196			206A	-1.7924			307A	-1.6134		
106A	-1.4429			207A	-2.1761			345E	.1527		
107A	-1.4258			264E	-.3887			344E	.2357		
166E	-.3778			263E	.3043			343E	.2467		
165E	.1274			262E	.3676			342E	.2418		
164E	.2311			255E	.3622			341E	.2003		
156E	.2803			254E	.3786			340E	.1295		
155E	.2830			253E	.3513			339E	.1393		
154E	.3130			252E	.2967			338E	.1136		
153E	.3048			239E	.2857			337E	.1967		
139E	.2912			238E	.2311			336E	.3322		
138E	.2612			237E	.0758			335E	.4849		
137E	.2420			236E	.3041			334E	.6155		
136E	.2038			235E	.4214			333E	.7572		
135E	.3076			234E	.5606			332E	.6473		
134E	.4578			233E	.7071			331E	-.0573		
133E	.6625			232E	.7767			314E	-2.9588		
132E	.6980			231E	.5068			315E	-3.0200		
131E	.2857			230E	-1.3151			316E	-3.1309		
130E	-1.1723			215E	-3.7269			317E	-2.8751		
115E	-1.5819			216E	-3.8640			318E	-2.0567		
116E	-1.6219			217E	-4.8189			319E	-1.9629		
117E	-3.2502			218E	-4.3756			320E	-1.1189		
118E	-3.5401			219E	-3.5316			321E	-.9854		
119E	-3.0115			220E	-3.7106			322E	-.9207		
120E	-2.2698			222E	-1.3424			323E	-.8401		
121E	-1.5631			223E	-1.0732			324E	-.7546		
122E	-1.0738			224E	-.8709			325E	-.7131		
123E	-.8720			225E	-.6480			326E	-.6704		

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.9278	124E	-.7392	214A	.5298	226E	-.6256	313A	.1224	327E	-.6545
113A	.0922	125E	-.5867	213A	.0371	227E	-.5989	312A	.0395	328E	-.6399
112A	-.0087	126E	-.6791	212A	-.0544	228E	-.5867	311A	.0968	329E	-.6179
111A	.0349	127E	-.7225	211A	.0749	229E	-.6078	310A	.4496	330E	-.5752
110A	.1430	128E	-.7492	210A	.5518	259E	-.5767	309A	.6199		
109A	.6710	129E	-.7270	209A	.7646	260E	-.5722	308A	.7646		
108A	.6284	161E	-.6824	208A	.2452			301A	.5177		
101A	-.0869	162E	-.6991	201A	-1.2449			302A	-1.6792		
102A	-1.5685			202A	-3.9527			303A	-2.4966		
103A	-2.1645			203A	-3.7228			304A	-2.0368		
104A	-2.2922			204A	-3.2119			305A	-1.7984		
105A	-2.0113			206A	-2.1645			307A	-1.6621		
106A	-1.8750			207A	-2.3859			345E	.1322		
107A	-1.6196			264E	-.5460			344E	.2212		
166E	-.4669			263E	.2476			343E	.2298		
165E	.1058			262E	.3294			342E	.2322		
164E	.2176			255E	.3240			341E	.1956		
156E	.2531			254E	.3485			340E	.1237		
155E	.2776			253E	.3322			339E	.1395		
154E	.3076			252E	.2940			338E	.1310		
153E	.2994			239E	.2858			337E	.2225		
139E	.3022			238E	.2367			336E	.3713		
138E	.2831			237E	.1041			335E	.5323		
137E	.2613			236E	.3542			334E	.6542		
136E	.2367			235E	.4701			333E	.7616		
135E	.3622			234E	.6091			332E	.6493		
134E	.5231			233E	.7372			331E	.0249		
133E	.6785			232E	.7664			314E	-2.7365		
132E	.6840			231E	.5262			315E	-2.8117		
131E	.3540			230E	-1.0765			316E	-3.0501		
130E	-.8923			215E	-3.4805			317E	-2.6499		
115E	-1.3751			216E	-3.9186			318E	-1.8920		
116E	-1.7388			217E	-4.7446			319E	-1.3045		
117E	-3.4503			218E	-4.1741			320E	-.9724		
118E	-3.8590			219E	-3.1267			321E	-.8765		
119E	-3.3651			220E	-2.7946			322E	-.8375		
120E	-2.3433			222E	-.9685			323E	-.7838		
121E	-1.5296			223E	-.8338			324E	-.7069		
122E	-1.0509			224E	-.7726			325E	-.6777		
123E	-.8605			225E	-.7036			326E	-.6630		

TABLE 78 .- TABULATED PRESSURE DATA FOR RUN 13 AT ALPHA = 28.337 DEGREES AND QINF = 2.89 KN/SQM ( 60.45 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-1.0028	124E	-.7284	214A	.6331	226E	-.7218	313A	.3362	327E	-.6544
113A	.4475	125E	-.5969	213A	.2703	227E	-.6905	312A	.2006	328E	-.6606
112A	.0733	126E	-.6437	212A	.1310	228E	-.6627	311A	.2348	329E	-.6435
111A	.1143	127E	-.7061	211A	.2275	229E	-.6571	310A	.5926	330E	-.6129
110A	.2600	128E	-.6638	210A	.7205	259E	-.6426	309A	.7291		
109A	.7035	129E	-.6582	209A	.7973	260E	-.6181	308A	.6950		
108A	.4135	161E	-.6025	208A	-.1408			301A	.1492		
101A	-.8998	162E	-.6147	201A	-1.9231			302A	-2.7503		
102A	-2.7844			202A	-4.8226			303A	-3.4070		
103A	-3.2023			203A	-4.1574			304A	-2.7589		
104A	-3.1256			204A	-3.5178			305A	-1.8123		
105A	-2.5457			206A	-2.3836			307A	-1.8208		
106A	-1.6758			207A	-2.2216			345E	.1322		
107A	-1.2409			264E	-.6205			344E	.2226		
166E	-.4293			263E	.2317			343E	.2434		
165E	.1225			262E	.3164			342E	.2446		
164E	.2345			255E	.3246			341E	.2092		
156E	.2863			254E	.3382			340E	.1432		
155E	.3137			253E	.3300			339E	.1725		
154E	.3355			252E	.2973			338E	.1762		
153E	.2973			239E	.2918			337E	.2751		
139E	.3328			238E	.2536			336E	.4107		
139E	.3246			237E	.1408			335E	.5659		
137E	.3191			236E	.3924			334E	.6807		
136E	.3109			235E	.5195			333E	.7577		
135E	.4448			234E	.6453			332E	.6331		
134E	.5923			233E	.7625			331E	.0785		
133E	.7152			232E	.7772			314E	-2.5149		
132E	.6742			231E	.5646			315E	-2.8186		
131E	.3901			230E	-.7974			316E	-3.1170		
130E	-.6696			215E	-2.8886			317E	-2.5457		
115E	-1.3388			216E	-3.4240			318E	-1.6588		
116E	-2.0766			217E	-3.8163			319E	-1.0362		
117E	-3.9954			218E	-3.4326			320E	-.8571		
118E	-4.3792			219E	-2.0596			321E	-.8450		
119E	-3.8675			220E	-1.8037			322E	-.7961		
120E	-2.5627			222E	-.9091			323E	-.7412		
121E	-1.6605			223E	-.8868			324E	-.6948		
122E	-1.1209			224E	-.7953			325E	-.6777		
123E	-.8912			225E	-.7541			326E	-.6606		

TABLE 79 .- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 13

ALPHA	COMPONENT-STATION					
	A-A	E-A	A-B	E-B	A-C	E-C
-4.063	-.11468	-.00436	-.15999	-.18674	-.09882	.15799
-.035	-.10845	.35221	-.15163	.17165	-.09468	.23056
4.025	-.07407	.68695	-.12004	.60543	-.10750	.41352
8.147	-.05271	.91308	-.08747	.93832	-.11465	.72169
12.167	.00757	1.14311	.01008	1.24952	-.03270	.98825
16.189	.08632	1.29973	.14750	1.47059	.07567	1.19279
20.279	.11958	1.32598	.28666	1.63434	.18563	1.27386
24.301	.10979	1.42180	.42678	1.55550	.27314	1.21292
28.337	.27771	1.52731	.49259	1.42955	.34981	1.19771

TABLE 80.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 13

ALPHA	COMPONENT-STATION					
	A-A	E-A	A-B	E-B	A-C	E-C
-4.063	-.04661	-.03938	-.02557	-.00506	-.02954	-.00623
-.035	-.04572	-.06310	-.01056	-.05344	-.02512	-.03490
4.025	-.02460	-.08549	-.00224	-.08396	-.02835	-.06613
8.147	.01918	-.13358	.01959	-.14672	-.01118	-.10783
12.167	.04822	-.19295	.04431	-.22054	.02718	-.16112
16.189	.06065	-.23551	.04795	-.26488	.04483	-.17992
20.279	.05390	-.18595	.03321	-.30137	.04531	-.16292
24.301	.04360	-.18776	.00226	-.27067	.03572	-.14385
28.337	.01372	-.22182	-.02304	-.20463	.01905	-.13722

TABLE 91 .- PITCHING-MOMENT COEFFICIENT FOR RUN 13

ALPHA	COMPONENT-STATION					
	A-A	F-A	A-B	E-B	A-C	E-C
-4.063	.00657	-.03669	.01151	.04056	.00772	-.07250
-.035	.00594	-.18402	.01036	-.11204	.00696	-.09362
4.025	.00338	-.26244	.00732	-.25353	.00720	-.17673
8.147	.00176	-.31039	.00454	-.31533	.00682	-.24466
12.167	-.00170	-.36441	-.00164	-.38956	.00092	-.30494
16.189	-.00597	-.39829	-.01062	-.43860	-.00643	-.37764
20.279	-.00708	-.46422	-.01970	-.47837	-.01326	-.43458
24.301	-.01134	-.50763	-.02857	-.49846	-.01879	-.42869
28.337	-.01436	-.52378	-.03257	-.50408	-.02275	-.43321

TABLE 82 .- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 13 OF TEST 218

MACH	Q,KPA (PSF)	ALPHA,DEG	CL	CD	CPM	CRM	CYM	CSF
.205	2.89 (60.36)	-6.11	-.2440	.1619	-.1998	.0006	.0036	-.0156
.205	2.89 (60.26)	-4.06	-.1100	.1293	-.1476	.0016	.0034	-.0116
.204	2.88 (60.11)	-2.09	.0155	.1026	-.0951	-.0001	.0027	-.0128
.204	2.88 (60.16)	-.03	.1746	.0810	-.0484	.0021	.0028	-.0048
.204	2.88 (60.05)	2.02	.3733	.0651	-.0238	.0059	.0023	-.0030
.204	2.87 (60.01)	4.03	.5796	.0659	-.0067	.0032	.0024	-.0001
.204	2.87 (60.02)	6.05	.7791	.0706	.0208	.0041	.0025	-.0023
.205	2.91 (60.68)	8.15	.9566	.0835	.0481	.0021	.0020	.0017
.205	2.89 (60.32)	10.13	1.1365	.0975	.0695	.0037	.0013	.0059
.205	2.88 (60.24)	12.17	1.3194	.1178	.1135	.0023	.0023	.0022
.205	2.90 (60.56)	14.24	1.4721	.1403	.1499	.0015	.0025	-.0019
.205	2.90 (60.61)	16.19	1.5573	.1856	.1531	.0042	.0029	-.0044
.205	2.89 (60.39)	18.25	1.6170	.2427	.1453	-.0040	-.0012	.0016
.205	2.89 (60.41)	20.28	1.7369	.2975	.1724	-.0066	-.0020	.0087
.205	2.89 (60.36)	22.27	1.7943	.3499	.2008	-.0061	-.0011	.0056
.205	2.90 (60.49)	24.30	1.8657	.4157	.2443	-.0045	-.0011	.0110
.205	2.89 (60.46)	26.36	1.9374	.4808	.2846	-.0081	-.0054	.0122
.205	2.89 (60.39)	28.34	1.9170	.5608	.3445	-.0020	-.0031	.0150

TABLE 83 .- TABULATED PRESSURE DATA FOR RUN 12 AT ALPHA = -6.099 DEGREES AND QINF = 2.89 KN/SQM ( 60.33 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.8186	124E	-.2917	* 214A	-.9100	226E	-.3900	* 313A	-.2589	327E	-.4535
* 113A	-.9662	125E	-.2302	* 213A	-.8818	227E	-.3844	* 312A	-.2675	328E	-.4278
* 112A	-.9607	126E	-.2593	* 212A	-.8586	228E	-.3632	* 311A	-.2589	329E	-.3641
* 111A	-.8923	127E	-.2224	* 211A	-.8230	229E	-.2861	* 310A	-.2348	330E	-.2846
* 110A	-.9258	128E	-.1710	* 210A	-.9610	259E	-.2179	* 309A	-.2262		
* 109A	-1.3113	129E	-.1208	* 209A	-1.0123	260E	-.1252	* 308A	-.3800		
* 108A	-1.4309	161E	-.0895	* 208A	-1.4822			* 301A	-.3458		
* 101A	-1.4395	162E	-.0593	* 201A	-1.3967			* 302A	-.1408		
* 102A	-.3373			* 202A	-.0212			* 303A	.6538		
* 103A	.5086			* 203A	.6453			* 304A	.7649		
* 104A	.7564			* 204A	.7649			* 305A	.6795		
* 105A	.7136			* 206A	.5598			* 307A	.2608		
* 106A	.5855			* 207A	.1497			* 345E	-.2491		
* 107A	.3548			* 264E	.0053			* 344E	-.2503		
* 166E	.0090			* 263E	.1503			* 343E	-.2479		
* 165E	.0354			* 262E	.1257			* 342E	-.2515		
* 164E	.0217			* 255E	.0847			* 341E	-.2540		
* 156E	-.0303			* 254E	.0409			* 340E	-.2564		
* 155E	-.0795			* 253E	-.0576			* 339E	-.2601		
* 154E	-.1178			* 252E	-.1890			* 338E	-.2650		
* 153E	-.1561			* 239E	-.1589			* 337E	-.2675		
* 139E	-.2246			* 238E	-.3997			* 336E	-.2662		
* 138E	-.2738			* 237E	-.2980			* 335E	-.2687		
* 137E	-.3888			* 236E	-.7019			* 334E	-.2760		
* 136E	-.5447			* 235E	-.8782			* 333E	-.2846		
* 135E	-.6651			* 234E	-1.0103			* 332E	-.2956		
* 134E	-.7609			* 233E	-.9932			* 331E	-.2797		
* 133E	-.8129			* 232E	-.9638			* 314E	-.2834		
* 132E	-.8485			* 231E	-.9320			* 315E	-.2775		
* 131E	-.9196			* 230E	-.9846			* 316E	-.2775		
* 130E	-1.4943			* 215E	-1.1315			* 317E	-.2775		
* 115E	-1.3821			* 216E	-1.0208			* 318E	-.3544		
* 116E	-1.1233			* 217E	.6709			* 319E	-.4911		
* 117E	.4744			* 218E	-.0041			* 320E	-.3800		
* 118E	-.1664			* 219E	-.2604			* 321E	-.3446		
* 119E	-.5167			* 220E	-.3544			* 322E	-.4008		
* 120E	-.5338			* 222E	-.2816			* 323E	-.3935		
* 121E	-.3576			* 223E	-.2984			* 324E	-.4229		
* 122E	-.2972			* 224E	-.3218			* 325E	-.4559		
* 123E	-.2961			* 225E	-.3319			* 326E	-.4743		



ABLE 84 , - TABULATED PRESSURE DATA FOR RUN 12 AT ALPHA = -.058 DEGREES AND QINF = 2.90 KN/SQM ( 60.52 LB/SQFT )

\*\*\*\*\*

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.6202	124E	-.4472	214A	-.5836	226E	-.4060	313A	-.2969	327E	-.3006
113A	-.5391	125E	-.3325	213A	-.5738	227E	-.3559	312A	-.2835	328E	-.2335
112A	-.5637	126E	-.3103	212A	-.5775	228E	-.3002	311A	-.2932	329E	-.1664
111A	-.5582	127E	-.2457	211A	-.5726	229E	-.1889	310A	-.2983	330E	-.1261
110A	-.6901	128E	-.1778	210A	-.7582	259E	-.1243	309A	-.2898		
109A	-1.4395	129E	-.1143	209A	-.8348	260E	-.0631	308A	-.8434		
108A	-1.8058	161E	-.0753	208A	-1.0307			301A	-1.2607		
101A	-1.0307	162E	-.0374	201A	-.7923			302A	-.1620		
102A	.2212			202A	.5108			303A	.6726		
103A	.7237			203A	.7493			304A	.6556		
104A	.6982			204A	.6541			305A	.5278		
105A	.5193			206A	.2979			307A	.0083		
106A	.3320			207A	-.1109			345E	-.0907		
107A	.1531			264E	-.0127			344E	-.0919		
166E	.0337			263E	.2165			343E	-.0944		
165E	.2492			262E	.2301			342E	-.0919		
164E	.2792			255E	.2028			341E	-.1078		
156E	.2983			254E	.2001			340E	-.1102		
155E	.2928			253E	.1619			339E	-.1188		
154E	.2737			252E	.1019			338E	-.1371		
153E	.2465			239E	.0692			337E	-.1798		
139E	.2110			238E	.0010			336E	-.2139		
138E	.1537			237E	-.0627			335E	-.2676		
137E	.0446			236E	-.0919			334E	-.3115		
136E	-.1136			235E	-.1786			333E	-.3323		
135E	-.1109			234E	-.4299			332E	-.3555		
134E	-.0536			233E	-.6458			331E	-.4152		
133E	-.5419			232E	-.8459			314E	-.5433		
132E	-.7137			231E	-.7263			315E	-.5793		
131E	-.6428			230E	-.6922			316E	-.5964		
130E	-.6155			215E	-.6629			317E	-.6986		
115E	-.6537			216E	-.6475			318E	-.7156		
116E	-.6901			217E	-.6475			319E	-.7923		
117E	.2638			218E	-.6134			320E	-.6219		
118E	-.7156			219E	-.6730			321E	-.4836		
119E	-1.1329			220E	-.8604			322E	-.4543		
120E	-1.0137			222E	-.4962			323E	-.4201		
121E	-.7200			223E	-.4639			324E	-.3872		
122E	-.5664			224E	-.4394			325E	-.3799		
123E	-.4962			225E	-.4060			326E	-.3603		

TABLE 25 .- TABULATED PRESSURE DATA FOR RUN 12 AT ALPHA = 6.089 DEGREES AND QINF = 2.89 KN/SQM ( 60.35 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.4277	124E	-.5965	214A	-.3678	226E	-.4424	313A	-.4645	327E	-.2467
113A	-.3410	125E	-.4468	213A	-.4816	227E	-.3452	312A	-.5220	328E	-.1794
112A	-.3766	126E	-.3418	212A	-.5085	228E	-.2726	311A	-.4963	329E	-.1574
111A	-.3356	127E	-.2559	211A	-.4706	229E	-.2123	310A	-.6265	330E	-.1231
110A	-.6094	128E	-.1944	210A	-.6094	259E	-.1866	309A	-.8486		
109A	-.8913	129E	-.1352	209A	-.6436	260E	-.1687	308A	-1.2415		
108A	-.7546	161E	-.1107	208A	-.6094			301A	-1.0194		
101A	.0483	162E	-.0661	201A	.1679			302A	.4327		
102A	.6975			202A	.7402			303A	.7402		
103A	.6291			203A	.4925			304A	.4668		
104A	.3302			204A	.2789			305A	.2789		
105A	.0654			206A	-.0969			307A	-.3190		
106A	-.1055			207A	-.5069			345E	.2146		
107A	-.2250			264E	-.2015			344E	.2513		
166E	-.0237			263E	.2718			343E	.2452		
165E	.2280			262E	.3101			342E	.2329		
164E	.2527			255E	.2855			341E	.1803		
156E	.3073			254E	.3046			340E	.0947		
155E	.3073			253E	.2581			339E	.0421		
154E	.3019			252E	.1924			338E	-.0363		
153E	.2827			239E	.1432			337E	-.0203		
139E	.2499			238E	.0365			336E	.0873		
138E	.2116			237E	-.0815			335E	.2586		
137E	.1158			236E	.0115			334E	.4458		
136E	-.0237			235E	.1081			333E	-.1097		
135E	.0146			234E	.2770			332E	-.5477		
134E	.1678			233E	.6232			331E	-.9086		
133E	.6110			232E	-.3311			314E	-1.2463		
132E	-.1358			231E	-.6945			315E	-.9938		
131E	-.6775			230E	-1.5681			316E	-1.0621		
130E	-1.1508			215E	-1.6916			317E	-1.1390		
115E	-.7870			216E	-1.1048			318E	-1.0877		
116E	-.7290			217E	-1.4465			319E	-1.0536		
117E	-1.2500			218E	-1.5746			320E	-.8230		
118E	-1.7882			219E	-1.4465			321E	-.6982		
119E	-1.9590			220E	-1.6259			322E	-.6064		
120E	-1.6002			222E	-.8064			323E	-.5367		
121E	-1.1749			223E	-.7003			324E	-.4498		
122E	-.8756			224E	-.6210			325E	-.3764		
123E	-.7182			225E	-.5161			326E	-.3128		

TABLE 36 .- TABULATED PRESSURE DATA FOR RUN 12 AT ALPHA = 12.167 DEGREES AND QINF = 2.88 KN/SQM ( 60.23 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.1388	124E	-.6969	214A	-.4232	226E	-.5257	313A	-.4979	327E	-.3423
113A	-.3135	125E	-.4865	213A	-.4403	227E	-.3825	312A	-.4918	328E	-.2695
112A	-.3272	126E	-.3433	212A	-.4391	228E	-.2963	311A	-.4746	329E	-.2626
111A	-.3573	127E	-.2516	211A	-.4130	229E	-.2404	310A	-.3729	330E	-.2295
110A	-.3558	128E	-.1956	210A	-.2274	259E	-.2214	309A	-.3301		
109A	-.1162	129E	-.1486	209A	-.1504	260E	-.2113	308A	-.1589		
108A	.2689	161E	-.1330	208A	.4829			301A	.3460		
101A	.6797	162E	-.1195	201A	.7653			302A	.7225		
102A	.3973			202A	.1235			303A	.1320		
103A	-.0990			203A	-.4670			304A	-.2274		
104A	-.6125			204A	-.5526			305A	-.3986		
105A	-.6895			206A	-.7751			307A	-.9291		
106A	-.5350			207A	-1.1688			345E	.2216		
107A	-.8264			264E	-.2312			344E	.2731		
166E	-.0476			263E	.2978			343E	.2743		
165E	.2402			262E	.3471			342E	.2508		
164E	.3032			255E	.3306			341E	.2020		
156E	.3224			254E	.3471			340E	.1186		
155E	.3306			253E	.3115			339E	.0906		
154E	.3334			252E	.2429			338E	.0255		
153E	.3197			239E	.2128			337E	.0733		
139E	.3142			238E	.1278			336E	.1897		
138E	.2813			237E	-.0088			335E	.3479		
137E	.2073			236E	.1591			334E	.5109		
136E	.1086			235E	.2608			333E	.7634		
135E	.1881			234E	.3908			332E	.6274		
134E	.3361			233E	.5710			331E	-.4219		
133E	.6047			232E	.7414			314E	-3.3455		
132E	.6815			231E	.4815			315E	-2.5637		
131E	-.0914			230E	-1.5472			316E	-2.3754		
130E	-1.6784			215E	-3.7034			317E	-2.2727		
115E	-1.6017			216E	-2.5032			318E	-1.9475		
116E	-1.2543			217E	-3.1884			319E	-1.9646		
117E	-2.5209			218E	-2.9573			320E	-1.2115		
118E	-3.1114			219E	-2.5209			321E	-.8853		
119E	-2.9916			220E	-2.7348			322E	-.7615		
120E	-2.2385			222E	-1.1444			323E	-.6659		
121E	-1.6065			223E	-.9576			324E	-.5654		
122E	-1.1254			224E	-.6110			325E	-.4759		
123E	-.8703			225E	-.6432			326E	-.4048		

TABLE 87 .- TABULATED PRESSURE DATA FOR RUN 12 AT ALPHA = 18.203 DEGREES AND OINF = 2.89 KN/SQM ( 60.35 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.0874	124E	-.7056	* 214A	-.1227	226E	-.4645	* 313A	-.2108	327E	-.5950
* 113A	-.1531	125E	-.5381	* 213A	-.2549	227E	-.4353	* 312A	-.2230	328E	-.5142
* 112A	-.2078	126E	-.5090	* 212A	-.2414	228E	-.3696	* 311A	-.1961	329E	-.4653
* 111A	-.1750	127E	-.5046	* 211A	-.2035	229E	-.3672	* 310A	.0816	330E	-.4212
* 110A	-.1053	128E	-.5012	* 210A	.1500	259E	-.3706	* 309A	.2781		
* 109A	.3122	129E	-.5169	* 209A	.4318	260E	-.3538	* 308A	.6026		
* 108A	.6026	161E	-.4711	* 208A	.6881			* 301A	.7649		
* 101A	.5770	162E	-.4398	* 201A	.2952			* 302A	-.1148		
* 102A	-.1832			* 202A	-1.2850			* 303A	-1.1142		
* 103A	-.8921			* 203A	-1.7120			* 304A	-1.2337		
* 104A	-1.2337			* 204A	-1.5839			* 305A	-1.1398		
* 105A	-1.2081			* 206A	-1.4131			* 307A	-1.4643		
* 106A	-1.2252			* 207A	-1.7548			* 345E	.1795		
* 107A	-1.1398			* 264E	-.3856			* 344E	.2480		
* 166E	-.3583			* 263E	.2573			* 343E	.2529		
* 165E	.1232			* 262E	.3202			* 342E	.2468		
* 164E	.2108			* 255E	.3147			* 341E	.2088		
* 156E	.2573			* 254E	.3366			* 340E	.1305		
* 155E	.2764			* 253E	.3120			* 339E	.1220		
* 154E	.2928			* 252E	.2600			* 338E	.0951		
* 153E	.2901			* 239E	.2299			* 337E	.1660		
* 139E	.2709			* 238E	.1642			* 336E	.2969		
* 138E	.2408			* 237E	.0008			* 335E	.4572		
* 137E	.1998			* 236E	.2321			* 334E	.5918		
* 136E	.1396			* 235E	.3410			* 333E	.7557		
* 135E	.2436			* 234E	.4768			* 332E	.6407		
* 134E	.4022			* 233E	.6285			* 331E	-.1350		
* 133E	.6184			* 232E	.7251			* 314E	-3.3612		
* 132E	.6785			* 231E	.4915			* 315E	-3.0616		
* 131E	.2135			* 230E	-1.2777			* 316E	-3.1214		
* 130E	-1.3212			* 215E	-3.4579			* 317E	-2.9335		
* 115E	-1.6467			* 216E	-3.2580			* 318E	-2.3526		
* 116E	-1.4814			* 217E	-4.0011			* 319E	-2.2587		
* 117E	-2.9249			* 218E	-3.6851			* 320E	-1.3362		
* 118E	-3.4203			* 219E	-2.9505			* 321E	-.9877		
* 119E	-3.1555			* 220E	-3.1897			* 322E	-.8287		
* 120E	-2.2672			* 222E	-1.1255			* 323E	-.7760		
* 121E	-1.5587			* 223E	-.8787			* 324E	-.7320		
* 122E	-1.0696			* 224E	-.7324			* 325E	-.7051		
* 123E	-.8664			* 225E	-.5626			* 326E	-.6586		

TABLE 98 .- TABULATED PRESSURE DATA FOR RUN 12 AT ALPHA = 26.322 DEGREES AND QINF = 2.90 KN/SQM ( 60.51 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.4300	124E	-.7306	* 214A	.4155	226E	-.6672	* 313A	.2324	327E	-.6828
* 113A	.2003	125E	-.5847	* 213A	.0775	227E	-.6471	* 312A	.1141	328E	-.6730
* 112A	.0065	126E	-.6126	* 212A	.0421	228E	-.6337	* 311A	.1727	329E	-.6571
* 111A	.0393	127E	-.6349	* 211A	.1190	229E	-.6237	* 310A	.5083	330E	-.6218
* 110A	.1505	128E	-.6248	* 210A	.5254	259E	-.6237	* 309A	.6872		
* 109A	.6532	129E	-.6326	* 209A	.6872	260E	-.6026	* 308A	.7384		
* 108A	.5424	161E	-.6293	* 208A	.1250			* 301A	.3465		
* 101A	-.4203	162E	-.6259	* 201A	-1.3574			* 302A	-2.1837		
* 102A	-1.9707			* 202A	-3.9983			* 303A	-3.0186		
* 103A	-2.4904			* 203A	-3.6235			* 304A	-2.4052		
* 104A	-2.6523			* 204A	-3.1208			* 305A	-1.9452		
* 105A	-2.2604			* 206A	-2.1326			* 307A	-1.7748		
* 106A	-2.0219			* 207A	-2.3626			* 345E	.1141		
* 107A	-1.7322			* 264E	-.5856			* 344E	.2080		
* 166E	-.4573			* 263E	.2139			* 343E	.2202		
* 165E	.0775			* 262E	.2903			* 342E	.2276		
* 164E	.1866			* 255E	.2958			* 341E	.1910		
* 156E	.2275			* 254E	.3176			* 340E	.1226		
* 155E	.2521			* 253E	.2985			* 339E	.1470		
* 154E	.2848			* 252E	.2630			* 338E	.1470		
* 153E	.2876			* 239E	.2603			* 337E	.2471		
* 139E	.2794			* 238E	.2084			* 336E	.3886		
* 138E	.2685			* 237E	.0933			* 335E	.5448		
* 137E	.2576			* 236E	.3203			* 334E	.6632		
* 136E	.2548			* 235E	.4436			* 333E	.7535		
* 135E	.3831			* 234E	.5668			* 332E	.6339		
* 134E	.5331			* 233E	.6778			* 331E	.0470		
* 133E	.6887			* 232E	.7084			* 314E	-2.6584		
* 132E	.6832			* 231E	.4875			* 315E	-2.9079		
* 131E	.3640			* 230E	-.9756			* 316E	-3.1549		
* 130E	-.8311			* 215E	-3.2686			* 317E	-2.7460		
* 115E	-1.4205			* 216E	-3.8279			* 318E	-1.8856		
* 116E	-1.9793			* 217E	-4.6372			* 319E	-1.3318		
* 117E	-3.8364			* 218E	-4.1431			* 320E	-.9399		
* 118E	-4.2794			* 219E	-3.1294			* 321E	-.9073		
* 119E	-3.8279			* 220E	-3.3168			* 322E	-.8768		
* 120E	-2.5671			* 222E	-1.1416			* 323E	-.7950		
* 121E	-1.7063			* 223E	-.9367			* 324E	-.7401		
* 122E	-1.1394			* 224E	-.8019			* 325E	-.7035		
* 123E	-.8899			* 225E	-.7061			* 326E	-.7169		

TABLE 89.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 12

ALPHA	COMPONENT-STATION					
	A-A	E-A	A-B	E-B	A-C	E-C
-6.099	-.09662	-.22485	-.19356	-.21283	-.10533	.13235
-.058	-.07921	.35214	-.14798	.26035	-.09334	.23270
6.089	-.04659	.78229	-.09141	.75783	-.11381	.60449
12.167	.03095	1.12740	.02250	1.25751	-.03074	1.01999
18.203	.10086	1.24605	.18429	1.39948	.12428	1.27835
26.322	.25506	1.46614	.41691	1.60852	.32082	1.24681

TABLE 90 .- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 12

ALPHA	COMPONENT-STATION					
	A-A	E-A	A-B	E-B	A-C	E-C
-6.099	-.04484	-.05568	-.03451	-.02824	-.01299	.00435
-.058	-.05066	-.05648	-.01733	-.06034	-.02754	-.03654
6.089	-.00336	-.10459	.00976	-.11455	-.02111	-.07631
12.167	.04624	-.18510	.04361	-.22004	.02941	-.15840
18.203	.05442	-.18365	.04103	-.25390	.04747	-.17725
26.322	.03871	-.21772	-.00497	-.26483	.02937	-.14539

TABLE 91 .- PITCHING-MOMENT COEFFICIENT FOR RUN 12

ALPHA	COMPONENT-STATION					
	A-A	E-A	A-B	E-B	A-C	E-C
-6.099	.00420	.04931	.01438	-.01057	.00797	-.07182
-.058	.00302	-.18338	.00992	-.16113	.00687	-.09437
6.089	.00059	-.26242	.00493	-.28032	.00698	-.22802
12.167	-.00409	-.36063	-.00245	-.38715	.00069	-.32042
18.203	-.00755	-.42291	-.01293	-.41774	-.00955	-.42332
26.322	-.01536	-.49220	-.02762	-.51142	-.02164	-.44359



TABLE 92 .- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 12 OF TEST 218

MACH	Q,KPA (PSF)	ALPHA,DEG	CL	CD	CPM	CRM	CYM	CSF
.204	2.89 (60.28)	-6.10	-.2080	.1455	-.2027	.0006	.0038	-.0119
.204	2.88 (60.20)	-4.06	-.0860	.1138	-.1484	.0006	.0031	-.0119
.205	2.90 (60.48)	-2.05	.0403	.0895	-.1048	-.0004	.0032	-.0100
.205	2.90 (60.47)	-.06	.2008	.0678	-.0612	.0023	.0031	-.0085
.205	2.89 (60.41)	2.04	.4111	.0536	-.0417	.0055	.0022	-.0076
.205	2.89 (60.32)	4.01	.6012	.0575	-.0216	.0024	.0023	-.0011
.205	2.89 (60.30)	6.09	.7769	.0643	-.0049	.0013	.0021	-.0021
.204	2.88 (60.18)	8.06	.9512	.0739	.0163	-.0003	.0020	-.0019
.204	2.88 (60.22)	10.12	1.1358	.0899	.0401	-.0005	.0015	.0019
.204	2.88 (60.18)	12.17	1.3210	.1081	.0757	.0001	.0020	.0025
.206	2.92 (60.93)	14.17	1.4625	.1286	.1156	-.0014	.0015	.0015
.204	2.89 (60.26)	16.19	1.4896	.1864	.0615	.0006	.0003	.0053
.205	2.89 (60.30)	18.20	1.5420	.2404	.0973	-.0003	.0019	.0009
.204	2.88 (60.08)	20.21	1.6259	.3017	.1140	-.0053	-.0023	.0062
.205	2.91 (60.72)	22.32	1.7063	.3668	.1346	-.0079	-.0010	.0015
.205	2.90 (60.67)	24.24	1.7631	.4220	.1583	-.0056	-.0009	.0049
.205	2.89 (60.46)	26.32	1.8376	.4878	.1983	-.0039	.0001	.0065
.205	2.89 (60.28)	28.41	1.8908	.5593	.2507	-.0088	-.0050	.0136

TABLE 93 .- TABULATED PRESSURE DATA FOR RUN 59 AT ALPHA = -3.934 DEGREES AND QINF = 2.89 KN/SQM ( 60.28 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.6361	128B	-.3361	214A	-.5206	255C	-.0966	313A	-.4912	327E	-.3650
113A	-.6717	129B	-.3517	213A	-.5132	254C	-.1240	312A	-.4838	328E	-.3332
112A	-.7073	157C	.1033	212A	-.5242	253C	-.2144	311A	-.4826	329E	-.2928
111A	-.6635	156C	.1581	211A	-.5157	252C	-.2527	310A	-.5006	330E	-.2009
110A	-.6631	155C	.2539	210A	-.5519	251C	-.3239	309A	-.4835		
109A	-.7315	154C	.2703	209A	-.5263	243C	-.4773	308A	-.4835		
108A	-.7486	153C	.3005	208A	-.5263	244C	-.4032	301A	-.5006		
101A	.0808	152C	-.0638	201A	-.3382	245C	-.3763	302A	-.2612		
102A	.7307	144C	.2923	202A	.3972	246C	-.3652	303A	.6281		
103A	.7136	145C	-.1036	203A	.7820	247C	-.3383	304A	.7307		
104A	.4571	146C	-.3495	204A	.7649	248C	-.2970	305A	.6366		
105A	.2946	147C	-.5161	206A	.4827	249C	-.2422	307A	.1834		
106A	.1492	148C	-.4490	207A	.0381	250C	-.1986	345E	-.1997		
107A	-.0389	149C	-.3484	242B	-.2144	264D	.0020	344E	-.2303		
142B	.1142	150C	-.2198	241B	-.2199	263D	-.0145	343E	-.2462		
141B	.1882	151C	-.1159	240B	-.2637	262D	-.0254	342E	-.2732		
140B	.1362	166D	-.0008	239B	-.4609	261D	-.0254	341E	-.3001		
139B	.1307	165D	.2074	236B	-.4527	256D	-.1595	340E	-.3332		
138B	.0786	164D	.1991	237B	-.5500	257D	-.1796	339E	-.2964		
137B	.7633	158D	.4476	236B	-.5475	258D	-.1550	338E	-.3858		
136B	-.1706	159D	.2329	235B	-.5487	259D	-.1047	337E	-.4140		
135B	-.3020	160D	-.2187	234B	-.5291	260D	-.0555	336E	-.4397		
134B	-.4499	161D	-.1080	233B	-.5573			335E	-.4765		
133B	-.5786	162D	-.0823	232B	-.5610			334E	-.4961		
132B	-.5759			231B	-.5622			333E	-.4912		
131B	-.6088			230B	-.5683			332E	-.4961		
130B	-.8059			215B	-.5904			331E	-.4998		
115B	-.9237			216B	-.6973			314E	-.4998		
116B	-.7999			217B	.5340			315E	-.4750		
117B	.6708			218B	-.2441			316E	-.5177		
118B	-.1586			219B	-.5263			317E	.0466		
119B	-.6118			220B	-.5348			318E	-.3211		
120B	-.6203			222B	-.3808			319E	-.3638		
121B	-.4926			223B	-.3853			320E	-.3296		
122B	-.4300			224B	-.3976			321E	-.3258		
123B	-.4144			225B	-.3976			322E	-.3491		
124B	-.4065			226B	-.5138			323E	-.3430		
125B	-.4099			227B	-.4412			324E	-.3491		
126B	-.3808			228B	-.4289			325E	-.3846		
127B	-.3540			229B	-.3808			326E	-.3920		

TABLE 94 .- TABULATED PRESSURE DATA FOR RUN 59 AT ALPHA = .264 DEGREES AND QINF = 2.89 KN/SQM ( 60.29 LB/SQFT )

*****												*		
WING STATION A				*	WING STATION B				*	WING STATION C				*
TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*
114A	-.3482	128B	-.3726	*	214A	-.4148	255C	.2570	*	313A	-.4344	327E	-.2446	*
113A	-.3427	129B	-.3591	*	213A	-.4234	254C	.3584	*	312A	-.4675	328E	-.1429	*
112A	-.4194	157C	.1338	*	212A	-.4062	253C	.3502	*	311A	-.4748	329E	-.0805	*
111A	-.3372	156C	.1776	*	211A	-.4087	252C	.3529	*	310A	-.5344	330E	-.0400	*
110A	-.3548	155C	.2926	*	210A	-.4232	251C	.3365	*	309A	-.5258			*
109A	-.4232	154C	.3310	*	209A	-.4147	243C	.3392	*	308A	-.5002			*
108A	-.0385	153C	.3638	*	208A	-.5087	244C	.0399	*	301A	-.5429			*
101A	.6028	152C	-.0770	*	201A	-.3377	245C	-.1434	*	302A	.0898			*
102A	.6797	144C	.4652	*	202A	.6455	246C	-.5112	*	303A	.7652			*
103A	.3206	145C	-.0182	*	203A	.7225	247C	-.5022	*	304A	.6968			*
104A	-.0043	146C	-.2977	*	204A	.5942	248C	-.4195	*	305A	.5600			*
105A	-.1411	147C	-.5346	*	206A	.2266	249C	-.3100	*	307A	.0043			*
106A	-.2266	148C	-.4631	*	207A	-.1496	250C	-.1892	*	345E	.1290			*
107A	-.2693	149C	-.3580	*	242B	.3693	264D	.0298	*	344E	.1241			*
142B	.3666	150C	-.2295	*	241B	.3036	263D	.2981	*	343E	.0971			*
141B	.2844	151C	-.1210	*	240B	.2105	262D	.3200	*	342E	.0751			*
140B	.2707	166D	-.0250	*	239B	.1804	261D	.1338	*	341E	.0273			*
139B	.2598	165D	.2187	*	238B	.1585	256D	.5676	*	340E	-.0192			*
138B	.2269	164D	.2105	*	237B	.0690	257D	-.1132	*	339E	-.1196			*
137B	.4926	158D	.5832	*	236B	.0126	258D	-.2764	*	338E	-.1245			*
136B	-.0058	159D	.3049	*	235B	-.2544	259D	-.2116	*	337E	-.1919			*
135B	-.0469	160D	-.2507	*	234B	-.4307	260D	-.1087	*	336E	-.3205			*
134B	-.0414	161D	-.1043	*	233B	-.5532			*	335E	-.4858			*
133B	-.2331	162D	-.0864	*	232B	-.5263			*	334E	-.5495			*
132B	-.4111			*	231B	-.5165			*	333E	-.5324			*
131B	-.3920			*	230B	-.5703			*	332E	-.5581			*
130B	-.3701			*	215B	-.5679			*	331E	-.6034			*
115B	-.3701			*	216B	-.6370			*	314E	-.6389			*
116B	-.3719			*	217B	-.7481			*	315E	-.6028			*
117B	-.0983			*	218B	-.9020			*	316E	-.6113			*
118B	-.5258			*	219B	-.9704			*	317E	-.6712			*
119B	-1.0901			*	220B	-1.1072			*	318E	-.7139			*
120B	-1.1414			*	222B	-.6453			*	319E	-.7139			*
121B	-.8465			*	223B	-.6028			*	320E	-.5686			*
122B	-.6677			*	224B	-.5715			*	321E	-.5067			*
123B	-.5894			*	225B	-.5402			*	322E	-.4650			*
124B	-.5581			*	226B	-.5816			*	323E	-.4136			*
125B	-.5212			*	227B	-.5112			*	324E	-.3768			*
126B	-.4586			*	228B	-.4843			*	325E	-.3670			*
127B	-.4061			*	229B	-.4251			*	326E	-.3230			*



WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.1552	128B	-.4169	214A	-.5332	255C	.3017	313A	-.5981	327E	-.2751
113A	-.1798	129B	-.3789	213A	-.5577	254C	.4412	312A	-.5895	328E	-.2298
112A	-.2181	157C	.1567	212A	-.5871	253C	.4522	311A	-.5748	329E	-.2114
111A	-.1689	156C	.2169	211A	-.5516	252C	.4740	310A	-.5755	330E	-.1821
110A	.0225	155C	.3701	210A	-.5242	251C	.4138	309A	-.6695		
109A	.3898	154C	.4303	209A	-.6268	243C	.7640	308A	-.6524		
108A	.6802	153C	.4768	208A	.0481	244C	.1527	301A	-.1398		
101A	.4154	152C	-.0348	201A	.1335	245C	-.1042	302A	.7315		
102A	-.5670	144C	.7476	202A	.4752	246C	-.6771	303A	.4837		
103A	-1.2503	145C	.0086	203A	.0139	247C	-.6168	304A	.0652		
104A	-1.4383	146C	-.3197	204A	-.2253	248C	-.4873	305A	-.0801		
105A	-1.1820	147C	-.6123	206A	-.5328	249C	-.3555	307A	-.6609		
106A	-1.0795	148C	-.4828	207A	-.9941	250C	-.2270	345E	.2168		
107A	-.6865	149C	-.3387	242B	.5807	264D	-.0047	344E	.2596		
142B	.4850	150C	-.2159	241B	.3509	263D	.3455	343E	.2535		
141B	.3701	151C	-.1142	240B	.3208	262D	.3865	342E	.2364		
140B	.3783	166D	-.0430	239B	.2962	261D	.1266	341E	.1789		
139B	.3783	165D	.2579	238B	.2524	256D	.8205	340E	.1214		
138B	.3372	164D	.2771	237B	.1581	257D	-.1567	339E	-.1331		
137B	.3509	158D	.7770	236B	.1960	258D	-.3599	338E	.0076		
136B	.1156	159D	.4721	235B	.2682	259D	-.2907	337E	.0321		
135B	.1320	160D	-.3030	234B	.3918	260D	-.1757	336E	.1446		
134B	.2087	161D	-.0886	233B	.5668			335E	.2902		
133B	.4138	162D	-.0930	232B	.7748			334E	.4640		
132B	.7011			231B	.4505			333E	.7393		
131B	.5506			230B	-1.7593			332E	.5606		
130B	-.4890			215B	-3.5763			331E	-.6458		
115B	-.9377			216B	-2.1302			314E	-3.2141		
116B	-.4986			217B	-2.6256			315E	-2.1900		
117B	-1.2076			218B	-2.5915			316E	-2.0362		
118B	-2.0960			219B	-2.2669			317E	-1.9935		
119B	-2.3010			220B	-2.6513			318E	-1.7970		
120B	-2.1472			222B	-1.1618			319E	-1.9423		
121B	-1.4600			223B	-1.0133			320E	-1.1905		
122B	-1.0937			224B	-.9396			321E	-.9223		
123B	-.9172			225B	-.8156			322E	-.7718		
124B	-.8022			226B	-.7977			323E	-.6666		
125B	-.6794			227B	-.6671			324E	-.5210		
126B	-.5543			228B	-.6012			325E	-.4402		
127B	-.4727			229B	-.5241			326E	-.3521		

TABLE 97 .- TABULATED PRESSURE DATA FOR RUN 59 AT ALPHA = 12.433 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
114A	.1625	128B	-.4565	214A	-.2647	255C	.3238	313A	-.3797	327E	-.3504	
113A	.0476	129B	-.4007	213A	-.3870	254C	.4660	312A	-.3944	328E	-.3137	
112A	-.0372	157C	.1816	212A	-.4029	253C	.4824	311A	-.3614	329E	-.2990	
111A	.0394	156C	.2445	211A	-.3467	252C	.5098	310A	-.1821	330E	-.2550	
110A	.3644	155C	.3949	210A	-.0369	251C	.4606	309A	-.0284			
109A	.6632	154C	.4524	209A	.1509	243C	.7614	308A	.2705			
108A	.5693	153C	.5070	208A	.6803	244C	.1709	301A	.6205			
101A	-.3955	152C	.0257	201A	.2790	245C	-.1093	302A	.4412			
102A	-2.0007	144C	.7942	202A	-.3784	246C	-.7144	303A	-.3784			
103A	-2.5813	145C	.0347	203A	-.9761	247C	-.6451	304A	-.7285			
104A	-2.4191	146C	-.3270	204A	-1.1042	248C	-.5034	305A	-.7541			
105A	-2.0434	147C	-.6463	206A	-1.1469	249C	-.3650	307A	-1.2835			
106A	-1.5140	148C	-.5067	207A	-1.5482	250C	-.2366	345E	.1792			
107A	-1.0273	149C	-.3583	242B	.6492	264D	.0039	344E	.2294			
142B	.5371	150C	-.2310	241B	.4168	263D	.3758	343E	.2281			
141B	.4113	151C	-.1272	240B	.3512	262D	.4141	342E	.2196			
140B	.4195	166D	-.0262	239B	.3484	261D	.1898	341E	.1792			
139B	.4168	165D	.2801	238B	.3184	256D	.8105	340E	.1364			
138B	.3922	164D	.2992	237B	.2587	257D	-.1450	339E	-.0862			
137B	.3813	158D	.7625	236B	.2978	258D	-.3705	338E	.0679			
136B	.2199	159D	.5370	235B	.3896	259D	-.2991	337E	.1230			
135B	.2527	160D	-.3069	234B	.5070	260D	-.1785	336E	.2367			
134B	.3512	161D	-.0591	233B	.6537			335E	.3945			
133B	.5317	162D	-.1015	232B	.7773			334E	.5400			
132B	.6985			231B	.5045			333E	.7430			
131B	.7313			230B	-1.4865			332E	.6207			
130B	.1679			215B	-3.8702			331E	-.2598			
115B	-.6907			216B	-3.0082			314E	-3.4776			
116B	-.4211			217B	-3.9133			315E	-2.9826			
117B	-1.7702			218B	-3.6486			316E	-3.0168			
118B	-2.8204			219B	-3.0424			317E	-2.9058			
119B	-3.0253			220B	-3.4351			318E	-2.4276			
120B	-2.6667			222B	-1.4489			319E	-2.5642			
121B	-1.7458			223B	-1.2368			320E	-1.5055			
122B	-1.2881			224B	-1.0961			321E	-1.1160			
123B	-1.0526			225B	-.9365			322E	-.9191			
124B	-.8941			226B	-.8851			323E	-.7625			
125B	-.7411			227B	-.7289			324E	-.5803			
126B	-.5860			226B	-.6440			325E	-.4886			
127B	-.5000			229B	-.5659			326E	-.4054			

TABLE 98 .- TABULATED PRESSURE DATA FOR RUN 59 AT ALPHA = 14.381 DEGREES AND QINF = 2.89 KN/SQM ( 60.32 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
114A	.2108	128B	-.5272	214A	-.1228	255C	.3257	313A	-.2599	327E	-.4766	
113A	.1095	129B	-.5228	213A	-.3236	254C	.4653	312A	-.2930	328E	-.4362	
112A	.0165	157C	.1013	212A	-.3481	253C	.4817	311A	-.2636	329E	-.4264	
111A	.0876	156C	.1807	211A	-.2905	252C	.5064	310A	-.0295	330E	-.3579	
110A	.4405	155C	.3586	210A	.1072	251C	.4653	309A	.1585			
109A	.6798	154C	.4270	209A	.3294	243C	.7527	308A	.4918			
108A	.5089	153C	.4845	208A	.7481	244C	.1911	301A	.7140			
101A	-.6277	152C	.0000	201A	.3807	245C	-.0993	302A	.1243			
102A	-2.2684	144C	.8020	202A	-.9951	246C	-.7138	303A	-.9780			
103A	-2.6529	145C	-.0144	203A	-1.5249	247C	-.6378	304A	-1.1575			
104A	-2.5589	146C	-.4434	204A	-1.4053	248C	-.4971	305A	-1.0806			
105A	-1.8753	147C	-.7942	206A	-1.4138	249C	-.3652	307A	-1.5420			
106A	-1.5164	148C	-.6501	207A	-1.7642	250C	-.2412	345E	.1538			
107A	-1.0208	149C	-.4982	242B	.6624	264D	-.0054	344E	.2113			
142B	.5228	150C	-.3987	241B	.4188	263D	.3695	343E	.2150			
141B	.3942	151C	-.2703	240B	.3641	262D	.4188	342E	.2064			
140B	.3996	166D	-.1751	239B	.3641	261D	.1944	341E	.1709			
139B	.3969	165D	.2190	238B	.3476	256D	.8034	340E	.1305			
138B	.3668	164D	.2546	237B	.2884	257D	-.1451	339E	-.0739			
137B	.3777	158D	.7352	236B	.3411	258D	-.3798	338E	.0816			
136B	.2217	159D	.5911	235B	.4243	259D	-.3016	337E	.1501			
135B	.2710	160D	-.4915	234B	.5443	260D	-.1876	336E	.2762			
134B	.3695	161D	-.1306	233B	.6801			335E	.4231			
133B	.5283	162D	-.2669	232B	.7756			334E	.5724			
132B	.6897			231B	.5075			333E	.7438			
131B	.7089			230B	-1.3995			332E	.6189			
130B	.2409			215B	-3.7423			331E	-.2146			
115B	-.5857			216B	-3.3024			314E	-3.4926			
116B	-.4055			217B	-4.3107			315E	-3.2596			
117B	-1.7300			218B	-4.0458			316E	-3.3793			
118B	-2.6102			219B	-3.3195			317E	-3.1913			
119B	-2.7896			220B	-3.6613			318E	-2.6615			
120B	-2.4136			222B	-1.5283			319E	-2.7469			
121B	-1.5573			223B	-1.2892			320E	-1.5677			
122B	-1.1350			224B	-1.1294			321E	-1.1547			
123B	-.9607			225B	-.9585			322E	-.9442			
124B	-.8311			226B	-.8993			323E	-.8022			
125B	-.7160			227B	-.7362			324E	-.6724			
126B	-.6244			228B	-.6479			325E	-.5610			
127B	-.5518			229B	-.5641			326E	-.5121			
*****												

TABLE 99 .- TABULATED PRESSURE DATA FOR RUN 59 AT ALPHA = 16.369 DEGREES AND QINF = 2.89 KN/SQM ( 60.46 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.3542	128B	-.5498	214A	.0699	255C	.3187	313A	-.1732	327E	-.7191
113A	.1904	129B	-.5743	213A	-.2135	254C	.4689	312A	-.1964	328E	-.5896
112A	.0921	157C	.0784	212A	-.2623	253C	.4880	311A	-.1646	329E	-.5530
111A	.1795	156C	.1549	211A	-.1891	252C	.5208	310A	.1004	330E	-.4309
110A	.5096	155C	.3488	210A	.2368	251C	.4771	309A	.3221		
109A	.6716	154C	.4307	209A	.5182	243C	.7566	308A	.6205		
108A	.3476	153C	.4853	208A	.7057	244C	.2016	301A	.6972		
101A	-1.0081	152C	-.0636	201A	.7569	245C	-.0905	302A	-.4538		
102A	-2.8668	144C	.7830	202A	-1.6902	246C	-.7192	303A	-1.4600		
103A	-3.1567	145C	-.0348	203A	-2.0483	247C	-.6412	304A	-1.5452		
104A	-2.5180	146C	-.4807	204A	-1.8607	248C	-.4929	305A	-1.3662		
105A	-1.9630	147C	-.8675	206A	-1.6475	249C	-.3725	307A	-1.7072		
106A	-1.6731	148C	-.7181	207A	-2.0056	250C	-.2655	345E	.1334		
107A	-1.1274	149C	-.5676	242B	.6874	264D	-.0527	344E	.2005		
142B	.3815	150C	-.4528	241B	.4389	263D	.3652	343E	.2030		
141B	.3870	151C	-.3424	240B	.3733	262D	.4143	342E	.1920		
140B	.3979	166D	-.2083	239B	.3815	261D	.1876	341E	.1566		
139B	.4007	165D	.2013	238B	.3624	256D	.8002	340E	.1199		
138B	.3679	164D	.2341	237B	.3227	257D	-.1663	339E	-.0975		
137B	.6164	158D	.7277	236B	.3691	258D	-.4216	338E	.0967		
136B	.2395	159D	.3520	235B	.4558	259D	-.3313	337E	.1725		
135B	.2942	160D	-.6055	234B	.5743	260D	-.2276	336E	.2995		
134B	.4034	161D	-.1920	233B	.6952			335E	.4485		
133B	.5618	162D	-.3123	232B	.7709			334E	.5889		
132B	.6929			231B	.5034			333E	.7367		
131B	.7010			230B	-1.3212			332E	.6097		
130B	.3215			215B	-3.6564			331E	-.1646		
115B	-.4295			216B	-3.5404			314E	-3.4475		
116B	-.3771			217B	-4.7085			315E	-3.4210		
117B	-1.8522			218B	-4.3163			316E	-3.6171		
118B	-2.7815			219B	-3.4978			317E	-3.3954		
119B	-2.9009			220B	-3.8303			318E	-2.7986		
120B	-2.4831			222B	-1.5441			319E	-2.7645		
121B	-1.5698			223B	-1.2866			320E	-1.5623		
122B	-1.1373			224B	-1.1116			321E	-1.1075		
123B	-.9556			225B	-.9266			322E	-.9377		
124B	-.8162			226B	-.8318			323E	-.9157		
125B	-.7114			227B	-.6902			324E	-.8510		
126B	-.5799			228B	-.6167			325E	-.8327		
127B	-.5554			229B	-.5442			326E	-.7875		



TABLE 100 .- TABULATED PRESSURE DATA FOR RUN 59 AT ALPHA = 20.468 DEGREES AND QINF = 2.89 KN/SQM ( 60.40 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.6834	128B	-.6192	214A	.3638	255C	.2542	313A	.0521	327E	-.8170
113A	.4756	129B	-.6392	213A	-.0334	254C	.4346	312A	-.0371	328E	-.7327
112A	.1449	157C	.0438	212A	-.0811	253C	.4647	311A	.0277	329E	-.6667
111A	.3062	156C	.1312	211A	.0106	252C	.5057	310A	.3887	330E	-.5958
110A	.6618	155C	.3362	210A	.4911	251C	.4647	309A	.6021		
109A	.6191	154C	.4210	209A	.7216	243C	.7627	308A	.7813		
108A	-.1404	153C	.4866	208A	.5423	244C	.1630	301A	.5850		
101A	-2.1630	152C	.0438	201A	.0815	245C	-.1572	302A	-.9938		
102A	-4.1600	144C	.7900	202A	-2.5897	246C	-.8267	303A	-2.4873		
103A	-4.1686	145C	-.0501	203A	-2.7604	247C	-.7943	304A	-1.9497		
104A	-3.7931	146C	-.5489	204A	-2.3422	248C	-.6694	305A	-1.7448		
105A	-2.3849	147C	-.9528	206A	-1.6680	249C	-.5756	307A	-1.5230		
106A	-1.9326	148C	-.7642	207A	-1.9923	250C	-.5132	345E	.0998		
107A	-1.3096	149C	-.6325	242B	.6943	264D	-.2569	344E	.1707		
142B	.3198	150C	-.5254	241B	.4401	263D	.3089	343E	.1793		
141B	.4128	151C	-.4150	240B	.3581	262D	.3636	342E	.1805		
140B	.4210	166D	-.2870	239B	.3608	261D	.1476	341E	.1450		
139B	.4182	165D	.1604	238B	.3554	256D	.7633	340E	.1096		
138B	.3991	164D	.2214	237B	.3357	257D	-.3793	339E	-.1043		
137B	.5795	158D	.7064	236B	.4017	258D	-.6883	338E	.1181		
136B	.3062	159D	.4353	235B	.4922	259D	-.5768	337E	.2098		
135B	.3690	160D	-.6738	234B	.6108	260D	-.4629	336E	.3443		
134B	.4784	161D	-.1427	233B	.7257			335E	.4702		
133B	.6287	162D	-.4161	232B	.7746			334E	.6193		
132B	.7381			231B	.5350			333E	.7391		
131B	.7107			230B	-1.0114			332E	.6181		
130B	.3909			215B	-3.1739			331E	-.0249		
115B	-.1421			216B	-3.3749			314E	-3.3842		
116B	-.2428			217B	-4.1600			315E	-2.7007		
117B	-2.0435			218B	-3.8528			316E	-3.0421		
118B	-2.9823			219B	-2.8884			317E	-3.3237		
119B	-3.0421			220B	-2.7775			318E	-2.5556		
120B	-2.5300			222B	-1.1023			319E	-2.4532		
121B	-1.6546			223B	-.9840			320E	-1.0365		
122B	-1.2172			224B	-.9271			321E	-1.1434		
123B	-.9762			225B	-.8557			322E	-1.0273		
124B	-.8077			226B	-.8200			323E	-.9894		
125B	-.6805			227B	-.7296			324E	-.9295		
126B	-.6035			228B	-.7017			325E	-.8977		
127B	-.5991			229B	-.6716			326E	-.9112		

TABLE 101 .- TABULATED PRESSURE DATA FOR RUN 59 AT ALPHA = 24.496 DEGREES AND QINF = 2.90 KN/SQM ( 60.47 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.7235	128B	-.7577	214A	.4794	255C	.1966	313A	.2120	327E	-.7465
113A	.7290	129B	-.7667	213A	.1265	254C	.3932	312A	.0875	328E	-.7098
112A	.2157	157C	-.0191	212A	.0850	253C	.4341	311A	.1461	329E	-.6830
111A	.3850	156C	.0847	211A	.1497	252C	.4833	310A	.4991	330E	-.6451
110A	.7207	155C	.3058	210A	.6014	251C	.4451	309A	.6866		
109A	.4906	154C	.4096	209A	.7719	243C	.7508	308A	.7122		
108A	-.6773	153C	.4751	208A	.3627	244C	.1506	301A	.2775		
101A	-2.9447	152C	.0546	201A	-.3279	245C	-.1650	302A	-2.3480		
102A	-5.3400	144C	.7891	202A	-3.0811	246C	-.8458	303A	-3.1919		
103A	-4.9564	145C	-.0868	203A	-2.8765	247C	-.8402	304A	-2.5952		
104A	-4.4961	146C	-.6273	204A	-2.5867	248C	-.7254	305A	-2.1690		
105A	-2.7060	147C	-1.1133	206A	-1.6235	249C	-.6853	307A	-1.9815		
106A	-2.2116	148C	-.9026	207A	-1.7684	250C	-.6218	345E	.0838		
107A	-1.6661	149C	-.7455	242B	.6744	264D	-.3740	344E	.1656		
142B	.5652	150C	-.6641	241B	.4505	263D	.2703	343E	.1766		
141B	.4178	151C	-.6229	240B	.3522	262D	.3195	342E	.1790		
140B	.4205	166D	-.4586	239B	.3604	261D	.0819	341E	.1436		
139B	.4150	165D	.1092	238B	.3577	256D	.7591	340E	.1180		
138B	.3959	164D	.1611	237B	.3353	257D	-.4568	339E	-.0896		
137B	.5215	158D	.6521	236B	.4184	258D	-.8335	338E	.1375		
136B	.3413	159D	.4983	235B	.5124	259D	-.7276	337E	.2352		
135B	.4205	160D	-.9071	234B	.6272	260D	-.6129	336E	.3805		
134B	.5297	161D	-.1849	233B	.7224			335E	.5234		
133B	.6689	162D	-.5906	232B	.7578			334E	.6467		
132B	.7618			231B	.5612			333E	.7346		
131B	.7481			230B	-.7355			332E	.6101		
130B	.4259			215B	-2.6317			331E	-.0151		
115B	.0028			216B	-2.8936			314E	-2.9260		
116B	-.2255			217B	-3.4903			315E	-3.3539		
117B	-2.2713			218B	-3.0214			316E	-3.6522		
118B	-3.1919			219B	-1.9218			317E	-3.2686		
119B	-3.1493			220B	-1.3763			318E	-2.3736		
120B	-2.5526			222B	-.8380			319E	-1.9048		
121B	-1.5212			223B	-.8213			320E	-1.2058		
122B	-1.0564			224B	-.7834			321E	-1.0725		
123B	-.8424			225B	-.7488			322E	-.9882		
124B	-.7577			226B	-.7276			323E	-.9113		
125B	-.7600			227B	-.7143			324E	-.8246		
126B	-.7600			228B	-.7009			325E	-.7941		
127B	-.7644			229B	-.6675			326E	-.7709		

TABLE 102.- TABULATED PRESSURE DATA FOR RUN 59 AT ALPHA = 28.482 DEGREES AND QINF = 2.90 KN/SQM ( 60.52 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CF	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.7146	128B	-.6717	214A	.5923	255C	.2044	313A	.4019	327E	-.8377
113A	.7146	129B	-.6717	213A	.2641	254C	.4008	312A	.2531	328E	-.8036
112A	.2262	157C	-.0630	212A	.1628	253C	.4472	311A	.2970	329E	-.7877
111A	.4526	156C	.0380	211A	.2287	252C	.4963	310A	.6092	330E	-.7303
110A	.7625	155C	.2726	210A	.6433	251C	.4717	309A	.7284		
109A	.5410	154C	.3763	209A	.7029	243C	.7337	308A	.5496		
108A	-.3278	153C	.4499	208A	-.1149	244C	.1201	301A	-.2852		
101A	-1.7418	152C	-.0057	201A	-1.4096	245C	-.1951	302A	-3.7095		
102A	-1.9973	144C	.7937	202A	-4.4420	246C	-.9646	303A	-4.1609		
103A	-1.7759	145C	-.0224	203A	-3.6839	247C	-.9056	304A	-3.4114		
104A	-1.5629	146C	-.5570	204A	-3.2751	248C	-.7898	305A	-2.1166		
105A	-1.7503	147C	-.9902	206A	-1.9548	249C	-.7653	307A	-2.0910		
106A	-1.8696	148C	-.8221	207A	-2.0570	250C	-.6929	345E	.0530		
107A	-1.7163	149C	-.7307	242B	.6709	264D	-.4422	344E	.1494		
142B	.5509	150C	-.6996	241B	.4854	263D	.2589	343E	.1677		
141B	.3872	151C	-.6695	240B	.3681	262D	.3053	342E	.1786		
140B	.4090	166D	-.5541	239B	.3817	261D	.0816	341E	.1433		
139B	.4035	165D	.0625	238B	.3817	256D	.7371	340E	.1262		
138B	.3872	164D	.1253	237B	.3641	257D	-.5180	339E	-.0983		
137B	.4772	158D	.6536	236B	.4532	258D	-.9490	338E	.1701		
136B	.3462	159D	.5611	235B	.5520	259D	-.8165	337E	.2702		
135B	.4417	160D	-.9858	234B	.6545	260D	-.7096	336E	.4117		
134B	.5645	161D	-.2396	233B	.7387			335E	.5496		
133B	.7009	162D	-.7062	232B	.7509			334E	.6618		
132B	.7746			231B	.5496			333E	.7143		
131B	.7609			230B	-.6657			332E	.5898		
130B	.4281			215B	-2.6386			331E	.0652		
115B	-.0712			216B	-3.1643			314E	-2.6386		
116B	-.4471			217B	-3.8969			315E	-3.1899		
117B	-2.5510			218B	-3.2751			316E	-3.5136		
118B	-2.2359			219B	-2.1507			317E	-3.1643		
119B	-1.7163			220B	-1.6822			318E	-2.1422		
120B	-1.2903			222B	-.8978			319E	-1.6737		
121B	-.8521			223B	-.8944			320E	-1.1967		
122B	-.7285			224B	-.8410			321E	-1.1379		
123B	-.6506			225B	-.7675			322E	-1.0793		
124B	-.6171			226B	-.7719			323E	-.9890		
125B	-.6528			227B	-.7519			324E	-.9329		
126B	-.6695			228B	-.7641			325E	-.8938		
127B	-.6751			229B	-.7408			326E	-.8656		

TABLE 103.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 59

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.934	-.12594	.23814	.08112	.02499	-.14825	-.05371	.02174	.00962	-.12625	-.03823
.264	-.05128	.56200	.08814	.02689	-.11515	.44977	.13668	.04671	-.12499	.18062
4.242	.02137	.64252	.09653	.03124	-.09087	.89710	.15412	.05360	-.10622	.58595
8.255	.11234	1.10289	.10175	.03149	-.04069	1.31447	.16765	.05872	-.08483	.92296
12.433	.25056	1.34050	.10896	.03254	.10220	1.65032	.17688	.06267	.03989	1.17414
14.381	.26231	1.27800	.12537	.03843	.16245	1.74816	.17597	.06323	.10514	1.28757
16.269	.30877	1.32030	.13284	.04421	.23044	1.79368	.17762	.06603	.16449	1.41901
20.468	.41568	1.38873	.14306	.04681	.30945	1.58297	.20275	.08493	.24775	1.40981
24.496	.49429	1.43259	.16052	.05218	.34360	1.30597	.20760	.09462	.34446	1.37047
28.482	.28206	1.16076	.15068	.05528	.43804	1.41354	.22412	.10337	.42257	1.41546

TABLE 104.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 59

ALPHA	COMPONENT-STATION									
	A-A	P-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.934	.00210	-.04606	.00194	.00232	-.00579	.00386	-.00570	-.00180	-.01289	-.00698
.264	.02335	-.03421	.00381	.00297	-.00146	-.05413	.01018	.00161	-.00947	-.04897
4.242	.03976	-.03818	.00500	.00372	.00194	-.08052	.01468	.00257	-.00548	-.08021
8.255	.04670	-.07236	.00538	.00418	.02676	-.15716	.01657	.00264	.01070	-.14315
12.433	.03083	-.08480	.00601	.00439	.04513	-.21152	.01702	.00263	.04269	-.18952
14.381	.02212	-.07334	.00773	.00454	.04654	-.22767	.01723	.00259	.04794	-.19965
16.369	.00914	-.08009	.00824	.00338	.04679	-.24415	.01794	.00253	.04737	-.19665
20.468	-.02359	-.07767	.00922	.00357	.02752	-.20677	.02340	.00176	.04257	-.15992
24.496	-.05174	-.07279	.01118	.00352	.01079	-.15765	.02593	.00187	.03110	-.17345
28.482	-.01139	-.05664	.01256	.00391	-.01927	-.17245	.02709	.00168	.00630	-.15409

TABLE 105.- PITCHING-MOMENT COEFFICIENT FOR RUN 59

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.934	.00730	-.16960	-.00567	-.00098	.01043	-.00493	-.00242	-.00043	.00965	-.00801
.264	.00226	-.26385	-.00624	-.00102	.00758	-.22018	-.01361	-.00248	.00673	-.10239
4.242	-.00229	-.33230	-.00671	-.00115	.00508	-.33744	-.01513	-.00290	.00666	-.22605
8.255	-.00741	-.38855	-.00702	-.00118	.00162	-.42958	-.01650	-.00315	.00462	-.28253
12.433	-.01518	-.45159	-.00752	-.00128	-.00789	-.51370	-.01735	-.00335	-.00414	-.34330
14.381	-.01564	-.44108	-.00875	-.00160	-.01190	-.53530	-.01730	-.00337	-.00853	-.38804
16.369	-.01819	-.45329	-.00936	-.00174	-.01653	-.53735	-.01745	-.00353	-.01227	-.46038
20.463	-.02413	-.47204	-.01000	-.00196	-.02107	-.49826	-.02036	-.00450	-.01729	-.48965
24.496	-.02822	-.50399	-.01135	-.00229	-.02292	-.44211	-.02109	-.00509	-.02343	-.46428
28.482	-.01834	-.43347	-.01092	-.00249	-.02868	-.47239	-.02277	-.00558	-.02704	-.50221

TABLE 106.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 59 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.204	2.89 (60.38)	-5.91	-.1235	.1344	-.2253	.0027	.0022	-.0109
.203	2.88 (60.23)	-3.93	.0208	.1110	-.1634	.0005	.0014	-.0047
.203	2.89 (60.30)	-1.90	.2183	.0879	-.1445	.0032	.0015	-.0064
.203	2.88 (60.24)	.26	.5059	.0738	-.1423	.0037	.0015	-.0019
.204	2.89 (60.38)	2.24	.7481	.0720	-.1395	.0026	.0019	-.0084
.203	2.89 (60.27)	4.24	.9622	.0834	-.1185	.0027	.0020	.0004
.203	2.88 (60.21)	6.35	1.1843	.0963	-.1067	.0033	.0013	.0021
.203	2.89 (60.29)	8.25	1.3867	.1144	-.0868	.0012	.0012	.0022
.203	2.89 (60.32)	10.39	1.6025	.1383	-.0589	.0010	.0008	.0014
.204	2.89 (60.32)	12.43	1.8014	.1708	-.0280	-.0000	.0010	.0077
.203	2.89 (60.31)	13.48	1.8354	.1908	-.0343	-.0048	-.0003	.0070
.203	2.89 (60.27)	14.38	1.8971	.2131	-.0277	-.0049	-.0002	.0137
.203	2.88 (60.22)	15.38	1.9595	.2356	-.0269	-.0063	.0007	.0124
.204	2.89 (60.41)	16.37	1.9667	.2691	-.0280	-.0051	.0020	.0071
.204	2.89 (60.33)	17.54	1.9916	.3007	-.0116	-.0082	.0006	.0053
.203	2.88 (60.17)	18.38	2.0216	.3264	-.0098	-.0112	-.0017	.0113
.204	2.89 (60.35)	20.47	2.0358	.4047	.0592	-.0099	-.0012	.0121
.204	2.88 (60.22)	22.49	2.0389	.4674	.1126	-.0126	-.0035	.0100
.204	2.89 (60.42)	24.50	1.9933	.5512	.1580	-.0086	-.0014	.0087
.204	2.89 (60.35)	26.48	1.9261	.6072	.1447	-.0085	-.0009	.0056
.204	2.90 (60.46)	28.48	1.8924	.6667	.1181	-.0101	-.0012	.0092





TABLE 108 .- TABULATED PRESSURE DATA FOR RUN 60 AT ALPHA = .156 DEGREES AND QINF = 2.89 KN/SQM ( 60.30 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.4190	128B	-.3767	214A	-.4352	255C	.2518	313A	-.4536	327E	-.2430
113A	-.419C	129B	-.3677	213A	-.4426	254C	.3531	312A	-.4967	328E	-.1426
112A	-.4710	157C	.1231	212A	-.4389	253C	.3531	311A	-.5026	329E	-.0765
111A	-.3998	156C	.1779	211A	-.4365	252C	.3503	310A	-.5596	330E	-.0471
110A	-.4314	155C	.3312	210A	-.4570	251C	.3503	309A	-.5596		
109A	-.4399	154C	.3659	209A	-.4485	243C	.2846	308A	-.5511		
108A	-.5767	153C	.4297	208A	-.5254	244C	.0111	301A	-.6023		
101A	.1071	152C	-.0631	201A	-.1664	245C	-.1509	302A	.0387		
102A	.6969	144C	.6871	202A	.6456	246C	-.5018	303A	.7311		
103A	.6542	145C	.0056	203A	.7397	247C	-.5007	304A	.6884		
104A	.4063	146C	-.3375	204A	.6029	248C	-.4169	305A	.5516		
105A	-.1670	147C	-.6056	206A	.1841	249C	-.3065	307A	.0131		
106A	-.0211	148C	-.4851	207A	-.1664	250C	-.1889	345E	.1133		
107A	-.2177	149C	-.3586	242B	.3394	264D	.0355	344E	.0986		
142B	.4706	150C	-.2224	241B	.2956	263D	.2874	343E	.0741		
141B	.3065	151C	-.1096	240B	.1861	262D	.3202	342E	.0398		
140B	.3065	166D	-.0439	239B	.1696	261D	.1012	341E	.0104		
139B	.3038	165D	.2271	238B	.1039	256D	.5442	340E	-.0373		
136B	.2545	164D	.2271	237B	.0423	257D	-.1174	339E	-.1475		
137B	.3969	158D	.7152	236B	-.0936	258D	-.2761	338E	-.1291		
136B	.0410	159D	.2056	235B	-.3079	259D	-.2124	337E	-.1867		
135B	.0273	160D	-.2805	234B	-.5026	260D	-.1062	336E	-.3140		
154B	-.1479	161D	-.1151	233B	-.5393			335E	-.4781		
133B	-.4901	162D	-.0984	232B	-.5185			334E	-.5577		
132B	-.4463			231B	-.5136			333E	-.5381		
131B	-.4463			230B	-.5418			332E	-.5662		
130B	-.4491			215B	-.5528			331E	-.5969		
115B	-.4272			216B	-.6280			314E	-.6250		
116B	-.3972			217B	-.7306			315E	-.6023		
117B	-.1750			218B	-.6844			316E	-.5194		
118B	-.7648			219B	-.9272			317E	-.6622		
119B	-1.2007			220B	-1.0639			318E	-.7220		
120B	-1.2178			222B	-.6303			319E	-.6964		
121B	-.8304			223B	-.5890			320E	-.5682		
122B	-.6672			224B	-.5476			321E	-.4940		
123B	-.5912			225B	-.5298			322E	-.4426		
124B	-.5476			226B	-.5733			323E	-.4193		
125B	-.5108			227B	-.5119			324E	-.3728		
126B	-.4538			228B	-.4828			325E	-.3567		
127B	-.4068			229B	-.4281			326E	-.3214		

TABLE 109 .- TABULATED PRESSURE DATA FOR RUN 60 AT ALPHA = 4.330 DEGREES AND QINF = 2.89 KN/SQM ( 60.28 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.0962	128B	-.3994	214A	-.3328	255C	.2708	313A	-.4296	327E	-.2593
113A	-.1236	129B	-.3693	213A	-.3953	254C	.4077	312A	-.4810	328E	-.1907
112A	-.4002	157C	.1393	212A	-.4345	253C	.4105	311A	-.4688	329E	-.1662
111A	-.2825	156C	.1941	211A	-.3940	252C	.4269	310A	-.5772	330E	-.1148
110A	-.3036	155C	.3475	210A	-.5687	251C	.3721	309A	-.5687		
109A	-.3976	154C	.4105	209A	-.5601	243C	.6898	308A	-.5943		
108A	-.0956	153C	.4625	208A	-.5858	244C	.0981	301A	-.6456		
101A	.5772	152C	-.0606	201A	-.1667	245C	-.1166	302A	.4832		
102A	.6798	144C	.7282	202A	.7910	246C	-.6065	303A	.7483		
103A	.3207	145C	.0019	203A	.5858	247C	-.5636	304A	.4917		
104A	-.0470	146C	-.3156	204A	.2549	248C	-.4553	305A	.3036		
105A	-.2095	147C	-.5906	206A	-.0641	249C	-.3324	307A	-.2950		
106A	-.3292	148C	-.4643	207A	-.4917	250C	-.2105	345E	.2135		
107A	-.4404	149C	-.3368	242B	.4570	260D	-.0195	344E	.2417		
142B	.4707	150C	-.2206	241B	.2900	263D	.3119	343E	.2380		
141B	.3502	151C	-.1222	240B	.2680	262D	.3502	342E	.2245		
140B	.3557	166D	-.0579	239B	.2434	261D	.0407	341E	.1682		
139B	.3557	165D	.2324	238B	.1886	256D	.7935	340E	.1106		
138B	.3091	164D	.2407	237B	.1008	257D	-.1602	339E	-.1368		
137B	.3475	158D	.7521	236B	.1180	258D	-.3480	338E	-.0180		
136B	.0681	159D	.1987	235B	.2049	259D	-.2821	337E	.0138		
135B	.0791	160D	-.3078	234B	.3850	260D	-.1647	336E	.1192		
134B	.2050	161D	-.1166	233B	.5455			335E	.3225		
133B	.4652	162D	-.1054	232B	-.3340			334E	.4230		
132B	-.2523			231B	-.6586			333E	-.4406		
131B	-.4879			230B	-1.3801			332E	-.6696		
130B	-.5481			215B	-1.2772			331E	-.9796		
115B	-.4550			216B	-1.0475			314E	-1.1988		
116B	-.3976			217B	-1.4409			315E	-.9877		
117B	-.8252			218B	-1.5863			316E	-1.0475		
118B	-1.4837			219B	-1.5264			317E	-1.1759		
119B	-1.7830			220B	-1.6547			318E	-1.1416		
120B	-1.6034			222B	-.9160			319E	-1.1673		
121B	-1.1688			223B	-.8176			320E	-.8594		
122B	-.9014			224B	-.7539			321E	-.7125		
123B	-.7740			225B	-.6734			322E	-.6207		
124B	-.6935			226B	-.6778			323E	-.5410		
125B	-.6074			227B	-.5850			324E	-.4467		
126B	-.5112			228B	-.5381			325E	-.3879		
127B	-.4475			229B	-.4732			326E	-.3267		



TABLE III .- TABULATED PRESSURE DATA FOR RUN 60 AT ALPHA = 12.377 DEGREES AND QINF = 2.89 KN/SQM ( 60.31 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.0684	128B	-.4201	* 214A	-.2955	255C	.3176	* 313A	-.3849	327E	-.3396
* 113A	-.1341	129B	-.3743	* 213A	-.3861	254C	.4572	* 312A	-.4069	328E	-.3114
* 112A	-.3476	157C	.1862	* 212A	-.4033	253C	.4764	* 311A	-.3726	329E	-.2943
* 111A	-.1423	156C	.2410	* 211A	-.3628	252C	.5065	* 310A	-.2005	330E	-.2551
* 110A	.0902	155C	.3943	* 210A	-.0551	251C	.4600	* 309A	-.0808		
* 109A	.4406	154C	.4518	* 209A	.1927	243C	.7666	* 308A	.2440		
* 108A	.6970	153C	.5038	* 208A	.6629	244C	.1756	* 301A	.6116		
* 101A	.4064	152C	.0083	* 201A	.3466	245C	-.1027	* 302A	.4492		
* 102A	-.6791	144C	.8104	* 202A	-.4740	246C	-.7073	* 303A	-.4483		
* 103A	-1.3287	145C	.0571	* 203A	-.9868	247C	-.6358	* 304A	-.6962		
* 104A	-1.6384	146C	-.3016	* 204A	-1.0296	248C	-.4950	* 305A	-.7219		
* 105A	-1.4655	147C	-.6224	* 206A	-1.1065	249C	-.3642	* 307A	-1.2604		
* 106A	-1.3971	148C	-.4726	* 207A	-1.4911	250C	-.2402	* 345E	.1746		
* 107A	-1.2433	149C	-.3307	* 242B	.6516	264D	-.0109	* 344E	.2236		
* 142B	.5366	150C	-.2200	* 241B	.4134	263D	.3587	* 343E	.2285		
* 141B	.4162	151C	-.1262	* 240B	.3559	262D	.4079	* 342E	.2273		
* 140B	.4299	166D	-.0465	* 239B	.3532	261D	.1698	* 341E	.1857		
* 139B	.4244	165D	.2683	* 238B	.3231	256D	.8036	* 340E	.1465		
* 138B	.3888	164D	.2984	* 237B	.2518	257D	-.1552	* 339E	-.0886		
* 137B	.3559	158D	.7690	* 236B	.2995	258D	-.3787	* 338E	.0681		
* 136B	.2108	159D	.2627	* 235B	.3840	259D	-.3061	* 337E	.1195		
* 135B	.2574	160D	-.3128	* 234B	.5028	260D	-.1854	* 336E	.2420		
* 134B	.3587	161D	-.0781	* 233B	.6509			* 335E	.3914		
* 133B	.5640	162D	-.1094	* 232B	.7770			* 334E	.5419		
* 132B	.7474			* 231B	.5101			* 333E	.7452		
* 131B	.5092			* 230B	-1.4868			* 332E	.6215		
* 130B	-.6926			* 215B	-3.8572			* 331E	-.2649		
* 115B	-1.2812			* 216B	-2.9357			* 314E	-3.4641		
* 116B	-.9355			* 217B	-3.8075			* 315E	-2.9699		
* 117B	-2.4057			* 218B	-3.5767			* 316E	-2.9699		
* 118B	-2.2177			* 219B	-2.9784			* 317E	-2.8673		
* 119B	-3.2263			* 220B	-3.3631			* 318E	-2.4057		
* 120B	-2.7647			* 222B	-1.4381			* 319E	-2.5168		
* 121B	-1.8259			* 223B	-1.2113			* 320E	-1.4740		
* 122B	-1.3074			* 224B	-1.0705			* 321E	-1.1109		
* 123B	-1.0593			* 225B	-.9196			* 322E	-.9236		
* 124B	-.6894			* 226B	-.8738			* 323E	-.7644		
* 125B	-.7296			* 227B	-.7196			* 324E	-.5783		
* 126B	-.5698			* 228B	-.6425			* 325E	-.4828		
* 127B	-.4782			* 229B	-.5564			* 326E	-.4033		

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.0192	126B	-.5161	214A	-.1449	255C	.3203	313A	-.2795	327E	-.5219
113A	-.0383	129B	-.5272	213A	-.3211	254C	.4571	312A	-.2893	328E	-.4692
112A	-.2737	157C	.0767	212A	-.3309	253C	.4735	311A	-.2648	329E	-.4117
111A	-.0485	156C	.1506	211A	-.2979	252C	.5091	310A	-.0124	330E	-.3603
110A	.1841	155C	.3394	210A	.1243	251C	.4598	309A	.1585		
109A	.5003	154C	.4243	209A	.3721	243C	.7554	308A	.4832		
108A	.6712	153C	.4845	208A	.7481	244C	.1878	301A	.6969		
101A	.2354	152C	-.0054	201A	.4576	245C	-.0971	302A	.0369		
102A	-.9353	144C	.8074	202A	-.8926	246C	-.7093	303A	-.9695		
103A	-1.7557	145C	-.0189	203A	-1.4322	247C	-.6356	304A	-1.1746		
104A	-1.7813	146C	-.4535	204A	-1.4138	248C	-.4904	305A	-1.1148		
105A	-1.5164	147C	-.8132	206A	-1.3797	249C	-.3619	307A	-1.5335		
106A	-1.4138	148C	-.6635	207A	-1.7129	250C	-.2423	345E	.1477		
107A	-1.1831	149C	-.5038	242B	.6651	254D	-.0082	344E	.2027		
142B	.5295	150C	-.4233	241B	.4270	263D	.3695	343E	.2113		
141B	.3996	151C	-.3284	240B	.3668	262D	.4161	342E	.2076		
140B	.4106	166D	-.2025	239B	.3586	261D	.1807	341E	.1685		
139B	.4051	165D	.1916	238B	.3394	256D	.8079	340E	.1244		
138B	.3723	164D	.2245	237B	.2897	257D	-.1429	339E	-.0861		
137E	.3750	168D	.7341	236B	.3411	258D	-.3742	338E	.0840		
136B	.2245	169D	.1420	235B	.4231	259D	-.3049	337F	.1526		
135B	.2765	160D	-.5418	234B	.5406	260D	-.1898	336E	.2762		
134B	.3969	161D	-.1440	233B	.6703			335E	.4267		
133B	.5830	162D	-.2948	232B	.7695			334E	.5761		
132B	.7472			231B	.5039			333F	.7425		
131B	.5556			230B	-1.4032			332E	.6189		
130B	-.5583			215B	-3.7386			331F	-.2061		
115B	-1.0728			216B	-3.2767			314E	-3.4865		
116B	-.8242			217B	-4.3193			315E	-3.2511		
117B	-2.2598			218B	-3.9518			316E	-3.3707		
118B	-3.0033			219B	-3.2340			317E	-3.1827		
119B	-2.9862			220B	-3.5929			318E	-2.6700		
120B	-2.5418			222B	-1.5093			319E	-2.7298		
121B	-1.6109			223B	-1.2758			320E	-1.5347		
122B	-1.1529			224B	-1.1182			321E	-1.1486		
123B	-.9629			225B	-.9462			322E	-.9246		
124B	-.8110			226B	-.8859			323F	-.7912		
125B	-.6646			227B	-.7261			324E	-.6296		
126B	-.5652			228B	-.6434			325E	-.6014		
127B	-.5317			229B	-.5596			326E			

TABLE 113 .- TABULATED PRESSURE DATA FOR RUN 60 AT ALPHA = 16.396 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.1481	128B	-.5499	* 214A	.0599	255C	.3396	* 313A	-.1529	327E	-.7694
* 113A	.0333	129B	-.5633	* 213A	-.2263	254C	.4791	* 312A	-.1884	328E	-.6666
* 112A	-.1445	157C	.0852	* 212A	-.2667	253C	.4927	* 311A	-.1737	329E	-.5737
* 111A	.0387	156C	.1700	* 211A	-.1859	252C	.5201	* 310A	.0990	330E	-.5027
* 110A	.3210	155C	.3615	* 210A	.2793	251C	.4816	* 309A	.3381		
* 109A	.5943	154C	.4380	* 209A	.5687	243C	.7662	* 308A	.6797		
* 108A	.6455	153C	.4982	* 208A	.7565	244C	.2037	* 301A	.7651		
* 101A	-.0291	152C	-.0542	* 201A	.5174	245C	-.0877	* 302A	-.3194		
* 102A	-1.3782	144C	.8018	* 202A	-1.5832	246C	-.7129	* 303A	-1.3953		
* 103A	-1.9503	145C	-.0330	* 203A	-2.0613	247C	-.6325	* 304A	-1.5063		
* 104A	-2.0870	146C	-.4784	* 204A	-1.7966	248C	-.4907	* 305A	-1.3014		
* 105A	-1.7710	147C	-.8614	* 206A	-1.6429	249C	-.3802	* 307A	-1.6600		
* 106A	-1.6002	148C	-.6883	* 207A	-1.9760	250C	-.2775	* 345E	.0942		
* 107A	-1.2758	149C	-.5610	* 242B	.6814	264D	-.0460	* 344E	.1785		
* 142B	.5338	150C	-.4606	* 241B	.4544	263D	.3669	* 343E	.1871		
* 141B	.4025	151C	-.3668	* 240B	.3779	262D	.4298	* 342E	.1944		
* 140B	.4216	166D	-.2320	* 239B	.3806	261D	.2138	* 341E	.1651		
* 139B	.4216	165D	.1919	* 238B	.3669	256D	.7876	* 340E	.1345		
* 138B	.3970	164D	.2357	* 237B	.3229	257D	-.1770	* 339E	-.0869		
* 137B	.3915	158D	.7206	* 236B	.2730	258D	-.4181	* 338E	.1027		
* 136B	.2521	159D	.1267	* 235B	.4648	259D	-.3456	* 337E	.1773		
* 135B	.3122	160D	-.6135	* 234B	.5834	260D	-.2339	* 336E	.3021		
* 134B	.4134	161D	-.1846	* 233B	.7057			* 335E	.4464		
* 133B	.5865	162D	-.3422	* 232B	.7779			* 334E	.5981		
* 132B	.7279			* 231B	.5100			* 333E	.7436		
* 131B	.5802			* 230B	-1.3210			* 332E	.6201		
* 130B	-.3469			* 215B	-3.6339			* 331E	-.1468		
* 115B	-.9650			* 216B	-3.5642			* 314E	-3.4321		
* 116B	-.8488			* 217B	-4.6743			* 315E	-3.3849		
* 117B	-2.4627			* 218B	-4.2473			* 316E	-3.5557		
* 118B	-3.1543			* 219B	-3.4788			* 317E	-3.3849		
* 119B	-3.1031			* 220B	-3.8033			* 318E	-2.7701		
* 120B	-2.5737			* 222B	-1.5513			* 319E	-2.7018		
* 121B	-1.6573			* 223B	-1.2956			* 320E	-1.4978		
* 122B	-1.1728			* 224B	-1.1248			* 321E	-1.0935		
* 123B	-.9741			* 225B	-.9283			* 322E	-.9174		
* 124B	-.8256			* 226B	-.8480			* 323E	-.9357		
* 125B	-.6716			* 227B	-.6928			* 324E	-.8782		
* 126B	-.5655			* 228B	-.6090			* 325E	-.8905		
* 127B	-.5354			* 229B	-.5432			* 326E	-.8195		

TABLE 114 .- TABULATED PRESSURE DATA FOR RUN 60 AT ALPHA = 20.491 DEGREES AND QINF = 2.89 KN/SQM ( 60.43 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.3722	128B	-.6540	* 214A	.3752	255C	.2574	* 313A	.0771	327E	-.8569
* 113A	.2219	129B	-.6920	* 213A	-.0512	254C	.4350	* 312A	-.0451	328E	-.7624
* 112A	.0334	157C	.0416	* 212A	-.0867	253C	.4596	* 311A	.0734	329E	-.7049
* 111A	.1864	156C	.1317	* 211A	.0026	252C	.5033	* 310A	.3806	330E	-.6194
* 110A	.5000	155C	.3394	* 210A	.4915	251C	.4678	* 309A	.5682		
* 109A	.6877	154C	.4295	* 209A	.7559	243C	.7519	* 308A	.7644		
* 108A	.4403	153C	.4642	* 208A	.5938	244C	.1568	* 301A	.6365		
* 101A	-.7711	152C	.0386	* 201A	.0649	245C	-.1533	* 302A	-1.1720		
* 102A	-2.4516	144C	.7820	* 202A	-2.6990	246C	-.8637	* 303A	-2.2127		
* 103A	-2.9293	145C	-.0495	* 203A	-2.8440	247C	-.8024	* 304A	-1.7350		
* 104A	-2.8184	146C	-.5291	* 204A	-2.4089	248C	-.6596	* 305A	-1.5047		
* 105A	-2.3322	147C	-.9775	* 206A	-1.7350	249C	-.5760	* 307A	-1.5815		
* 106A	-1.8113	148C	-.7789	* 207A	-2.0592	250C	-.5057	* 345E	.0783		
* 107A	-1.5218	149C	-.6407	* 242B	.6891	264D	-.2535	* 344E	.1565		
* 142B	.5443	150C	-.5470	* 241B	.4350	263D	.3121	* 343E	.1736		
* 141B	.4050	151C	-.4589	* 240B	.3585	262D	.3694	* 342E	.1761		
* 140B	.4241	166D	-.3163	* 239B	.3667	261D	.1509	* 341E	.1394		
* 139B	.4295	165D	.1700	* 238B	.3612	256D	.7657	* 340E	.1089		
* 138B	.4131	164D	.2192	* 237B	.3325	257D	-.3665	* 339E	-.1050		
* 137B	.4186	158D	.6955	* 236B	.4033	258D	-.6618	* 338E	.1064		
* 136B	.3203	159D	.0899	* 235B	.4962	259D	-.5581	* 337E	.1944		
* 135B	.3886	160D	-.7176	* 234B	.6147	260D	-.4678	* 336E	.3276		
* 134B	.5033	161D	-.1745	* 233B	.7259			* 335E	.4730		
* 133B	.6481	162D	-.4466	* 232B	.7711			* 334E	.6123		
* 132B	.7383			* 231B	.5341			* 333E	.7272		
* 131B	.6181			* 230B	-1.0263			* 332E	.6172		
* 130B	-.0732			* 215B	-3.1732			* 331E	-.0048		
* 115B	-.7508			* 216B	-3.5435			* 314E	-2.5916		
* 116B	-.6734			* 217B	-4.6098			* 315E	-2.9378		
* 117B	-2.7246			* 218B	-3.9274			* 316E	-2.9720		
* 118B	-3.4667			* 219B	-3.1682			* 317E	-2.4772		
* 119B	-3.2705			* 220B	-2.9549			* 318E	-1.7435		
* 120B	-2.6478			* 222B	-1.1894			* 319E	-1.4706		
* 121B	-1.6589			* 223B	-1.0187			* 320E	-1.0270		
* 122B	-1.1682			* 224B	-.9496			* 321E	-1.0495		
* 123B	-.9474			* 225B	-.8659			* 322E	-1.0581		
* 124B	-.8325			* 226B	-.8057			* 323E	-1.0116		
* 125B	-.6696			* 227B	-.7377			* 324E	-.9677		
* 126B	-.6340			* 228B	-.7276			* 325E	-.9298		
* 127B	-.6295			* 229B	-.6775			* 326E	-.9200		

TABLE 115 .- TABULATED PRESSURE DATA FOR RUN 60 AT ALPHA = 24.490 DEGREES AND QINF = 2.90 KN/SQM ( 60.59 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
114A	.6508	128B	-.6429	214A	.5684	255C	.2202	313A	.2382	327E	-.7624	
113A	.5118	129B	-.6596	213A	.1577	254C	.4164	312A	.1029	328E	-.7343	
112A	.0949	157C	.0404	212A	.0688	253C	.4573	311A	.1492	329E	-.7039	
111A	.2829	156C	.1330	211A	.1468	252C	.5063	310A	.5173	330E	-.6637	
110A	.6534	155C	.3292	210A	.6109	251C	.4709	309A	.6875			
109A	.6449	154C	.4191	209A	.7640	243C	.7407	308A	.7215			
106A	.0324	153C	.4818	208A	.1770	244C	.1324	301A	.2876			
101A	-1.7458	152C	.0485	201A	-.7333	245C	-.1946	302A	-2.2903			
102A	-3.7792	144C	.7924	202A	-3.8132	246C	-.9343	303A	-3.1326			
103A	-3.9834	145C	-.0244	203A	-3.3793	247C	-.8965	304A	-2.6306			
104A	-3.7451	146C	-.5539	204A	-3.0645	248C	-.7786	305A	-2.0776			
105A	-2.5711	147C	-1.0033	206A	-1.8394	249C	-.7107	307A	-1.9755			
106A	-2.2563	148C	-.7853	207A	-2.0010	250C	-.6406	345E	.0797			
107A	-1.7968	149C	-.6384	242B	.6780	264D	-.3656	344E	.1638			
142B	.4355	150C	-.5505	241B	.4573	263D	.2829	343E	.1772			
141B	.4137	151C	-.4671	240B	.3619	262D	.3319	342E	.1909			
140B	.4246	166D	-.3139	239B	.3728	261D	.1112	341E	.1480			
139B	.4191	165D	.1657	238B	.3783	256D	.7487	340E	.1224			
138B	.4110	164D	.2066	237B	.3588	257D	-.4682	339E	-.0958			
137B	.4110	158D	.6897	236B	.4392	258D	-.8620	338E	.1334			
136B	.3565	159D	.0612	235B	.5367	259D	-.7441	337E	.2296			
135B	.4464	160D	-.7230	234B	.6525	260D	-.6295	336F	.3759			
134B	.5554	161D	-.1479	233B	.7427			335E	.5209			
133B	.6944	162D	-.4593	232B	.7658			334E	.6440			
132B	.7461			231B	.5514			333E	.7305			
131B	.6426			230B	-.2099			332E	.6038			
130B	.0622			215B	-2.9584			331E	-.0178			
115B	-.5019			216B	-3.3197			314F	-2.9145			
116B	-.9205			217B	-4.1876			315E	-3.2347			
117B	-3.1326			218B	-3.6430			316E	-3.5835			
118B	-3.8132			219B	-2.6902			317E	-3.1581			
119B	-3.6430			220B	-2.1116			318E	-2.1116			
120B	-2.8263			222B	-1.0077			319E	-1.7968			
121B	-1.7563			223B	-.9243			320E	-1.1247			
122B	-1.2280			224B	-.8909			321F	-.9951			
123B	-.9743			225B	-.8564			322E	-.9293			
124B	-.8164			226B	-.8464			323E	-.8794			
125B	-.6896			227B	-.7953			324E	-.8087			
126B	-.6562			228B	-.7719			325E	-.8062			
127B	-.6316			229B	-.7285			326F	-.7770			
*****												



TABLE 116 .- TABULATED PRESSURE DATA FOR RUN 60 AT ALPHA = 29.602 DEGREES AND QINF = 2.90 KN/SQM ( 60.58 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.6550	128B	-.7879	214A	.6135	255C	.2243	313A	.4355	327E	-.7590
113A	.7340	129B	-.7912	213A	.3734	254C	.4178	312A	.2868	328E	-.7363
112A	.1399	157C	-.0316	212A	.2222	253C	.4642	311A	.3088	329E	-.7236
111A	.3661	156C	.0717	211A	.2953	252C	.5105	310A	.6182	330E	-.6785
110A	.7203	155C	.3116	210A	.6947	251C	.4887	309A	.7373		
109A	.5246	154C	.4151	209A	.6947	243C	.7258	308A	.5246		
108A	-.4625	153C	.4833	208A	-.4115	244C	.1411	301A	-.3264		
101A	-2.7175	152C	.0690	201A	-1.8325	245C	-.1960	302A	-3.7131		
102A	-4.9810	144C	.7776	202A	-4.8449	246C	-.9314	303A	-4.1471		
103A	-4.7938	145C	-.0803	203A	-4.1641	247C	-.9269	304A	-3.4578		
104A	-4.4024	146C	-.6577	204A	-3.3302	248C	-.7934	305A	-2.0708		
105A	-2.8196	147C	-1.1617	206A	-2.0878	249C	-.7289	307A	-2.0368		
106A	-2.4112	148C	-.9503	207A	-2.1304	250C	-.6633	345F	.0662		
107A	-1.8666	149C	-.8146	242B	.6686	264D	-.3998	344E	.1661		
142B	.5759	150C	-.7723	241B	.5405	263D	.2734	343E	.1808		
141B	.4178	151C	-.7200	240B	.3906	262D	.3225	342E	.1881		
140B	.4233	166D	-.5088	239B	.4042	261D	.1126	341E	.1649		
139B	.4206	165D	.0962	238B	.4015	256D	.7263	340E	.1479		
138B	.4178	164D	.1535	237B	.3977	257D	-.4730	339E	-.0606		
137B	.4260	158D	.6362	236B	.4782	258D	-.8980	328E	.1844		
136B	.3988	159D	-.0325	235B	.5733	259D	-.7912	337F	.2819		
135B	.4942	160D	-.9681	234B	.6793	260D	-.6699	336E	.4294		
134B	.6141	161D	-.2082	233B	.7573			335E	.5647		
133B	.7313	162D	-.7176	232B	.7537			334E	.6695		
132B	.7612			231B	.5550			333E	.7244		
131B	.6659			230B	-.6359			332E	.5989		
130B	.1508			215B	-2.7141			331E	.0613		
115B	-.3971			216B	-3.2791			314E	-2.6227		
116B	-.9816			217B	-4.1216			315E	-3.2026		
117B	-3.2621			218B	-3.5344			316E	-3.4919		
118B	-3.9003			219B	-2.1985			317E	-3.0324		
119B	-3.5514			220B	-1.7475			318E	-1.9857		
120B	-2.6239			222B	-.8947			319E	-1.4241		
121B	-1.4977			223B	-.9047			320E	-1.0242		
122B	-.9114			224B	-.8446			321E	-1.0223		
123B	-.8057			225B	-.7957			322E	-.9479		
124B	-.7767			226B	-.8101			323E	-.8970		
125B	-.7411			227B	-.7890			324E	-.8041		
126B	-.7701			228B	-.7567			325E	-.7821		
127B	-.7701			229B	-.7423			326E	-.7773		

TABLE 117.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 60

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.917	-.13939	.17807	.07418	.02160	-.14875	-.06231	.01733	.00702	-.13054	-.03368
.156	-.08624	.54816	.09651	.03124	-.11756	.40625	.13639	.04570	-.12607	.16869
4.330	-.02779	.87013	.09799	.03295	-.08928	.89849	.15403	.05309	-.10683	.59701
8.317	.03683	1.13496	.10270	.03550	-.04525	1.32124	.16454	.05946	-.07797	.92844
12.377	.14034	1.37002	.10542	.03547	.09684	1.62560	.17475	.06189	.03616	1.16525
14.434	.16822	1.30560	.12681	.04345	.15845	1.72623	.17430	.06288	.10768	1.29030
16.396	.21211	1.34772	.13405	.04747	.22809	1.79664	.17896	.06790	.15740	1.43072
20.491	.30886	1.43139	.14578	.05214	.31966	1.64149	.20332	.08462	.22819	1.30680
24.490	.41665	1.50751	.14622	.05242	.40037	1.52657	.22119	.09850	.34041	1.33108
28.602	.48830	1.49905	.17146	.06412	.46957	1.46455	.22505	.10124	.42342	1.32430

TABLE 118.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 60

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.917	-.01121	-.05311	.00131	.00262	-.00369	.00648	-.00596	-.00195	-.01227	-.00981
.156	.00510	-.04759	.00511	.00287	.00145	-.05190	.00941	.00147	-.01106	-.04818
4.330	.02404	-.05906	.00534	.00290	.00441	-.08234	.01475	.00249	-.00477	-.07814
8.317	.04805	-.10447	.00567	.00310	.03149	-.15807	.01639	.00260	.01124	-.14350
12.377	.05574	-.13685	.00614	.00317	.04478	-.20768	.01716	.00254	.04127	-.18790
14.434	.04845	-.11956	.00827	.00241	.04840	-.22591	.01717	.00267	.04719	-.19787
16.396	.04355	-.12340	.00847	.00231	.04745	-.24225	.01820	.00245	.04954	-.19142
20.491	.02411	-.12457	.00963	.00195	.02903	-.22052	.02297	.00190	.03901	-.12763
24.490	-.00352	-.13598	.00974	.00176	.00102	-.19287	.02610	.00179	.03092	-.16485
28.602	-.03677	-.13013	.01250	.00112	-.03423	-.18229	.02672	.00183	.00418	-.15469

TABLE 119.- PITCHING-MOMENT COEFFICIENT FOR RUN 50

ALPHA	COMPONENT-STATION									
	A-A	P-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.917	.00858	-.13751	-.00524	-.00088	.01044	.00090	-.00203	-.00032	.00977	-.00760
.156	.00465	-.26445	-.00663	-.00111	.00760	-.20273	-.01353	-.00244	.00885	-.09506
4.330	.00027	-.33966	-.00678	-.00115	.00485	-.33635	-.01517	-.00285	.00667	-.22736
8.317	-.00361	-.39729	-.00711	-.00128	.00187	-.43100	-.01622	-.00319	.00406	-.28557
12.377	-.00964	-.45036	-.00732	-.00129	-.00733	-.50767	-.01714	-.00329	-.00382	-.34123
14.434	-.01102	-.43782	-.00887	-.00166	-.01159	-.53004	-.01710	-.00337	-.00865	-.39138
16.396	-.01366	-.45058	-.00952	-.00183	-.01628	-.53987	-.01771	-.00362	-.01184	-.47327
20.491	-.01889	-.48063	-.01028	-.00209	-.02177	-.50860	-.02036	-.00454	-.01582	-.48309
24.490	-.02504	-.49209	-.01027	-.00213	-.02658	-.49759	-.02236	-.00531	-.02311	-.45958
28.602	-.02639	-.51109	-.01232	-.00274	-.03046	-.48675	-.02280	-.00547	-.02703	-.46634

TABLE 120.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 60 OF TEST 218

MACH	Q,KPA (PSF)	ALPHA,DEG	CL	CD	CPM	CRM	CYM	CSF
.204	2.89 (60.34)	-5.96	-.1186	.1392	-.2226	-.0011	.0028	-.0092
.204	2.89 (60.31)	-3.92	.0193	.1136	-.1588	.0005	.0027	-.0081
.204	2.89 (60.27)	-1.89	.2200	.0892	-.1445	.0015	.0032	-.0133
.204	2.88 (60.25)	.16	.4796	.0759	-.1473	.0035	.0026	-.0045
.203	2.88 (60.20)	2.28	.7333	.0730	-.1512	.0025	.0025	-.0049
.204	2.88 (60.23)	4.33	.9680	.0821	-.1323	.0026	.0029	-.0029
.204	2.88 (60.23)	6.40	1.1864	.0936	-.1208	.0021	.0028	-.0046
.204	2.89 (60.32)	8.32	1.3881	.1143	-.0991	.0014	.0026	.0004
.204	2.89 (60.34)	10.42	1.5819	.1393	-.0812	.0012	.0025	-.0012
.204	2.89 (60.26)	12.38	1.7825	.1670	-.0467	-.0004	.0022	.0028
.204	2.89 (60.35)	13.39	1.8076	.1923	-.0606	-.0018	.0021	.0085
.204	2.89 (60.27)	14.43	1.8858	.2148	-.0402	-.0055	.0014	.0094
.204	2.89 (60.33)	15.52	1.9492	.2380	-.0392	-.0071	.0017	.0067
.204	2.89 (60.32)	16.40	1.9652	.2696	-.0391	-.0042	.0030	.0040
.204	2.89 (60.27)	17.06	1.9954	.2835	-.0435	-.0053	.0022	.0040
.204	2.89 (60.39)	17.42	1.9903	.2971	-.0408	-.0041	.0021	.0027
.204	2.89 (60.31)	18.49	2.0368	.3257	-.0139	-.0102	-.0009	.0060
.204	2.89 (60.38)	20.49	2.0723	.3962	.0301	-.0148	-.0033	.0095
.204	2.89 (60.37)	22.49	2.1103	.4641	.0793	-.0151	-.0042	.0119
.204	2.90 (60.54)	24.49	2.1221	.5394	.1368	-.0154	-.0040	.0088
.204	2.89 (60.46)	26.53	2.0897	.6097	.1716	-.0074	-.0007	.0034
.204	2.90 (60.53)	28.60	2.0882	.6859	.2023	-.0081	-.0006	.0025

TABLE 12! .- TABULATED PRESSURE DATA FOR RUN 61 AT ALPHA = -3.883 DEGREES AND QINF = 2.89 KN/SQM ( 60.40 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
114A	-.7724	128B	-.3369	214A	-.5103	255C	-.1082	313A	-.4932	327E	-.3795	
113A	-.6713	129B	-.3570	213A	-.5079	254C	-.1574	312A	-.4908	328E	-.3502	
112A	-.7751	157C	.0831	212A	-.5164	253C	-.2394	311A	-.4871	329E	-.3037	
111A	-.6385	156C	.1351	211A	-.5213	252C	-.2831	310A	-.4807	330E	.0740	
110A	-.7026	155C	.1925	210A	-.5745	251C	-.3624	309A	-.4807			
109A	-.7111	154C	.1925	209A	-.5660	243C	-.4608	308A	-.4636			
108A	-.6855	153C	.1706	208A	-.5575	244C	-.4049	301A	-.4807			
101A	-.7452	152C	-.0809	201A	-.2076	245C	-.3659	302A	-.2161			
102A	.1423	144C	.0831	202A	.3557	246C	-.3581	303A	.6544			
103A	.7056	145C	-.1305	203A	.7397	247C	-.3402	304A	.7482			
104A	.7824	146C	-.3369	204A	.7056	248C	-.2922	305A	.6714			
105A	.6458	147C	-.4864	206A	.4069	249C	-.2309	307A	.1765			
106A	.4751	148C	-.4194	207A	.0058	250C	-.1974	345E	-.2255			
107A	.0996	149C	-.3235	242B	-.2859	264D	-.0262	344E	-.2438			
142B	.1569	150C	-.2086	241B	-.2831	263D	-.0262	343E	-.2573			
141B	.1378	151C	-.1115	240B	-.2886	262D	-.0426	342E	-.2866			
140B	.0558	166D	.0312	239B	-.5045	261D	-.0781	341E	-.3111			
139B	-.0207	165D	.1979	238B	-.4717	256D	-.1874	340E	-.3343			
138B	-.0617	164D	.1815	237B	-.5360	257D	-.1885	339E	-.3563			
137B	.3756	158D	.2958	236B	-.5494	258D	-.1472	338E	-.3832			
136B	-.3214	159D	.2679	235B	-.5397	259D	-.1048	337E	-.4027			
135B	-.4963	160D	-.1796	234B	-.5250	260D	-.0669	336E	-.4309			
134B	-.6002	161D	-.1059	233B	-.5445			335E	-.4688			
133B	-.6467	162D	-.0579	232B	-.5543			334E	-.4920			
132B	-.6767			231B	-.5507			333E	-.4969			
131B	-.6713			230B	-.5494			332E	-.4969			
130B	-.7806			215B	-.5873			331E	-.5054			
115B	-.9446			216B	-.7452			314E	-.4993			
116B	-.8220			217B	.5776			315E	-.4807			
117B	.3301			218B	-.2588			316E	-.5319			
118B	-.4465			219B	-.4977			317E	.0058			
119B	-.7794			220B	-.5404			318E	-.3356			
120B	-.8220			222B	-.3793			319E	-.4124			
121B	-.4987			223B	-.3916			320E	-.3612			
122B	-.4697			224B	-.3938			321E	-.3404			
123B	-.4351			225B	-.3960			322E	-.3624			
124B	-.4217			226B	-.5143			323E	-.3563			
125B	-.4172			227B	-.4362			324E	-.3710			
126B	-.3860			228B	-.4284			325E	-.3979			
127B	-.3525			229B	-.3692			326E	-.4089			
*****												

TABLE 122 .- TABULATED PRESSURE DATA FOR RUN 61 AT ALPHA = .215 DEGREES AND QINF = 2.89 KN/SQM ( 60.29 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.4933	128B	-.3636	214A	-.4577	255C	.2598	313A	-.4687	327E	-.2348
113A	-.4796	129B	-.3535	213A	-.4454	254C	.3556	312A	-.4920	328E	-.1319
112A	-.5015	157C	.1201	212A	-.4503	253C	.3501	311A	-.5091	329E	-.0694
111A	-.4823	156C	.1776	211A	-.4405	252C	.3474	310A	-.5258	330E	.0996
110A	-.4916	155C	.3173	210A	-.4916	251C	.3392	309A	-.5258		
109A	-.4916	154C	.3721	209A	-.4831	243C	.2625	308A	-.5173		
108A	-.4831	153C	.4241	208A	-.5600	244C	-.0059	301A	-.5429		
101A	-.2950	152C	-.0962	201A	-.3035	245C	-.1490	302A	.0556		
102A	.4660	144C	.6897	202A	.6284	246C	-.5056	303A	.7481		
103A	.7310	145C	.0265	203A	.7310	247C	-.4966	304A	.6883		
104A	.6113	146C	-.3256	204A	.5942	248C	-.4217	305A	.5429		
105A	.4061	147C	-.5883	206A	.2437	249C	-.3066	307A	.0043		
106A	.2009	148C	-.4631	207A	-.1240	250C	-.1926	345E	.0837		
107A	-.1411	149C	-.3345	242B	.3118	264D	.0434	344E	.0849		
142B	.4734	150C	-.2082	241B	.2872	263D	.2954	343E	.0628		
141B	.3063	151C	-.1031	240B	.1612	262D	.3365	342E	.0322		
140B	.2954	166D	-.0442	239B	.1722	261D	.1502	341E	-.0155		
139B	.2954	165D	.2269	238B	.0681	256D	.5452	340E	-.0560		
138B	.2543	164D	.2214	237B	-.0070	257D	-.1121	339E	-.1025		
137B	.2570	158D	.7308	236B	-.1245	258D	-.2764	338E	-.1613		
136B	.0626	159D	.2657	235B	-.3144	259D	-.2082	337E	-.2237		
135B	.0517	160D	-.2764	234B	-.4858	260D	-.1054	336E	-.3511		
134B	-.3399	161D	-.1110	233B	-.5226			335E	-.5042		
133B	-.6165	162D	-.0864	232B	-.5103			334E	-.5605		
132B	-.5426			231B	-.5091			333E	-.5385		
131B	-.5289			230B	-.5373			332E	-.5618		
130B	-.5152			215B	-.5581			331E	-.5985		
115B	-.5042			216B	-.6028			314E	-.6279		
116B	-.5429			217B	-.6712			315E	-.6028		
117B	-.5258			218B	-.8336			316E	-.6199		
118B	-.9020			219B	-.8935			317E	-.6712		
119B	-1.2953			220B	-.9961			318E	-.6968		
120B	-1.2611			222B	-.6274			319E	-.7310		
121B	-.8476			223B	-.5861			320E	-.5857		
122B	-.6911			224B	-.5603			321E	-.4932		
123B	-.6051			225B	-.5369			322E	-.4479		
124B	-.5592			226B	-.5738			323E	-.4185		
125B	-.5056			227B	-.5089			324E	-.3693		
126B	-.4407			228B	-.4821			325E	-.3585		
127B	-.3983			229B	-.4217			326E	-.3132		

TABLE 123 .- TABULATED PRESSURE DATA FOR RUN 61 AT ALPHA = 4.195 DEGREES AND QINF = 2.89 KN/SQM ( 60.28 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.0661	128B	-.3950	214A	-.3720	255C	.2543	313A	-.4430	327E	-.2654
113A	-.0223	129B	-.3625	213A	-.4210	254C	.3858	312A	-.4884	328E	-.1956
112A	-.4194	157C	.1393	212A	-.4357	253C	.3885	311A	-.4737	329E	-.1662
111A	-.3099	156C	.1913	211A	-.4100	252C	.4077	310A	-.5858	330E	.0935
110A	-.5943	155C	.3420	210A	-.5687	251C	.3557	309A	-.5858		
109A	-.6542	154C	.3968	209A	-.5772	243C	.6460	308A	-.6029		
108A	-.7226	153C	.4433	208A	-.6114	244C	.0880	301A	-.6884		
101A	.0983	152C	-.0825	201A	-.3036	245C	-.1121	302A	.4404		
102A	.6798	144C	.6953	202A	.7397	246C	-.5996	303A	.7226		
103A	.6456	145C	.0165	203A	.5516	247C	-.5593	304A	.4404		
104A	.3720	146C	-.2943	204A	.3463	248C	-.4553	305A	.2779		
105A	.0898	147C	-.5761	206A	-.0812	249C	-.3324	307A	-.3121		
106A	-.1154	148C	-.4576	207A	-.5002	250C	-.2094	345E	.2074		
107A	-.4062	149C	-.3312	242B	.4406	264D	-.0168	344E	.2380		
142B	.4625	150C	-.2206	241B	.2845	263D	.3064	343E	.2331		
141B	.3502	151C	-.1177	240B	.2543	262D	.3392	342E	.2209		
140B	.3557	166D	-.0579	239B	.2352	261D	.0325	341E	.1657		
139B	.3502	165D	.2406	238B	.1831	256D	.7857	340E	.0959		
133B	.3091	164D	.2434	237B	.0984	257D	-.1579	339E	.0322		
137B	.2735	158D	.7499	236B	.1216	258D	-.3435	338E	-.0376		
136B	.0681	159D	.2591	235B	.2086	259D	-.2720	337E	.0040		
135B	.0900	160D	-.3044	234B	.3801	260D	-.1613	336E	.1106		
134B	.2434	161D	-.1121	233B	.5308			335E	.3237		
133B	.4598	162D	-.1110	232B	-.4504			334E	.3176		
132B	-.4988			231B	-.6353			333E	-.4810		
131B	-.6659			230B	-1.1669			332E	-.6623		
130B	-.8905			215B	-1.2392			331E	-.9220		
115B	-.6330			216B	-1.0219			314E	-1.1437		
116B	-.6542			217B	-1.4494			315E	-1.0048		
117B	-1.2186			218B	-1.5606			316E	-1.0817		
118B	-1.7231			219B	-1.4751			317E	-1.1587		
119B	-1.8685			220B	-1.6547			318E	-1.1501		
120B	-1.6547			222B	-.9048			319E	-1.1758		
121B	-1.1943			223B	-.8064			320E	-.8765		
122B	-.9193			224B	-.7527			321E	-.7101		
123B	-.7807			225B	-.5711			322E	-.6231		
124B	-.7002			226B	-.6612			323E	-.5472		
125B	-.6052			227B	-.5850			324E	-.4516		
126B	-.5023			228B	-.5358			325E	-.3940		
127B	-.4386			229B	-.4755			326E	-.3377		



TABLE 124 .- TABULATED PRESSURE DATA FOR RUN 61 AT ALPHA = 8.333 DEGREES AND QINF = 2.89 KN/SQM ( 60.28 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.2195	128B	-.4062	214A	-.5374	255C	.3009	313A	-.5815	327E	-.2691
113A	-.3455	129B	-.3659	213A	-.5655	254C	.4379	312A	-.5778	328E	-.2262
112A	-.4276	157C	.1503	212A	-.5876	253C	.4433	311A	-.5570	329E	-.2091
111A	-.3893	156C	.2105	211A	-.5680	252C	.468C	310A	-.5430	330E	.0886
110A	-.4233	155C	.3639	210A	-.5174	251C	.4022	309A	-.6542		
109A	-.4404	154C	.4269	209A	-.6114	243C	.7583	308A	-.6200		
108A	-.0727	153C	.4844	208A	.0299	244C	.1484	301A	-.1582		
101A	.5345	152C	-.0278	201A	.3207	245C	-.1088	302A	.7312		
102A	.6371	144C	.8103	202A	.5687	246C	-.6823	303A	.4575		
103A	.1924	145C	.0299	203A	-.0214	247C	-.6230	304A	.0641		
104A	-.1582	146C	-.3066	204A	-.1839	248C	-.4934	305A	-.1154		
105A	-.3549	147C	-.6029	206A	-.4917	249C	-.3592	307A	-.6969		
106A	-.5516	148C	-.4542	207A	-.9022	250C	-.2295	345E	.2147		
107A	-.7654	149C	-.3189	242B	.5858	264D	-.0086	344E	.2564		
142B	.5091	150C	-.2094	241B	.3557	263D	.3447	343E	.2539		
141B	.3940	151C	-.1199	240B	.3228	262D	.3858	342E	.2356		
140B	.4050	166D	-.0661	239B	.3064	261D	.1201	341E	.1768		
139B	.3968	165D	.2489	238B	.2461	256D	.8114	340E	.1082		
138B	.3584	164D	.2735	237B	.1621	257D	-.1635	339E	.0432		
137B	.2982	159D	.7711	236B	.2000	258D	-.3648	338E	.0016		
136B	.1585	159D	.2635	235B	.2650	259D	-.2966	337E	.0359		
135B	.1804	160D	-.3167	234B	.3972	260D	-.1781	336E	.1474		
134B	.3146	161D	-.0965	233B	.5687			335E	.2968		
133B	.6104	162D	-.1155	232B	.7757			334E	.4732		
132B	.5200			231B	.4560			333E	.7561		
131B	-.4523			230B	-1.7733			332E	.5663		
130B	-1.5451			215B	-3.5751			331E	-.6231		
115B	-1.3424			216B	-2.0053			314E	-3.1758		
116B	-1.0732			217B	-2.6381			315E	-2.2276		
117B	-2.1421			218B	-2.6296			316E	-1.9797		
118B	-2.6638			219B	-2.2362			317E	-2.0481		
119B	-2.6296			220B	-2.5954			318E	-1.8172		
120B	-2.2533			222B	-1.1608			319E	-1.9454		
121B	-1.5566			223B	-1.0222			320E	-1.1587		
122B	-1.1329			224B	-.9260			321E	-.9146		
123B	-.9339			225B	-.8098			322E	-.7750		
124B	-.8064			226B	-.7941			323E	-.6599		
125B	-.6711			227B	-.6711			324E	-.5239		
126B	-.5381			228B	-.6052			325E	-.4406		
127B	-.4632			229B	-.5303			326E	-.3500		

TABLE 125 .- TABULATED PRESSURE DATA FOR RUN 61 AT ALPHA = 12.285 DEGREES AND QINF = 2.88 KN/SQM ( 60.24 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1162	128B	-.3970	* 214A	-.2994	255C	.3169	* 313A	-.3913	327E	-.3680
* 113A	-.2779	129B	-.3545	* 213A	-.4121	254C	.4539	* 312A	-.4023	328E	-.3214
* 112A	-.3573	157C	.1689	* 212A	-.4134	253C	.4703	* 311A	-.3717	329E	-.3031
* 111A	-.2861	156C	.2209	* 211A	-.3631	252C	.4922	* 310A	-.2018	330E	.0757
* 110A	-.1932	155C	.3744	* 210A	-.0649	251C	.4429	* 309A	-.0649		
* 109A	.0806	154C	.4374	* 209A	.1063	243C	.7471	* 308A	.2517		
* 108A	.4828	153C	.4895	* 208A	.6625	244C	.1724	* 301A	.5940		
* 101A	.6796	152C	.0017	* 201A	.3801	245C	-.1017	* 302A	.4913		
* 102A	.2004	144C	.7992	* 202A	-.3301	246C	-.7103	* 303A	-.3900		
* 103A	-.4414	145C	.0639	* 203A	-.9120	247C	-.6443	* 304A	-.7494		
* 104A	-.8777	146C	-.2919	* 204A	-.9291	248C	-.5022	* 305A	-.7408		
* 105A	-1.0147	147C	-.5906	* 206A	-1.0917	249C	-.3646	* 307A	-1.2714		
* 105A	-1.1088	148C	-.4384	* 207A	-1.4853	250C	-.2348	* 345E	.1774		
* 107A	-1.2970	149C	-.3008	* 242B	.6320	264D	-.0011	* 344E	.2240		
* 142B	.5334	150C	-.2057	* 241B	.3908	263D	.3717	* 343E	.2289		
* 141B	.4073	151C	-.1263	* 240B	.3306	262D	.4183	* 342E	.2191		
* 140B	.4237	166D	-.0641	* 239B	.3388	261D	.1743	* 341E	.1725		
* 139B	.4210	165D	.2648	* 238B	.3059	256D	.8090	* 340E	.1186		
* 138B	.3826	164D	.2922	* 237B	.2657	257D	-.1453	* 339E	.0781		
* 137B	.3223	158D	.7664	* 236B	.2988	258D	-.3646	* 338E	.0463		
* 136B	.2292	159D	.2686	* 235B	.3895	259D	-.2907	* 337E	.1063		
* 135B	.2812	160D	-.3277	* 234B	.5059	260D	-.1744	* 336E	.2301		
* 134B	.3091	161D	-.0983	* 233B	.6468			* 335E	.3821		
* 133B	.6265	162D	-.1207	* 232B	.7829			* 334E	.5365		
* 132B	.6896			* 231B	.5047			* 333E	.7412		
* 131B	.0538			* 230B	-1.5030			* 332E	.6223		
* 130B	-1.5577			* 215B	-3.8416			* 331E	-.2651		
* 115B	-1.8838			* 216B	-2.8886			* 314E	-3.4677		
* 116B	-1.6393			* 217B	-3.8213			* 315E	-3.0426		
* 117B	-3.1025			* 218B	-3.5988			* 316E	-2.9998		
* 118B	-3.6844			* 219B	-2.9228			* 317E	-2.9143		
* 119B	-3.4020			* 220B	-3.3678			* 318E	-2.4522		
* 120B	-2.8201			* 222B	-1.4285			* 319E	-2.5549		
* 121B	-1.8458			* 223B	-1.2159			* 320E	-1.5281		
* 122B	-1.3200			* 224B	-1.0783			* 321E	-1.1022		
* 123B	-1.0582			* 225B	-.9206			* 322E	-.9049		
* 124B	-.8859			* 226B	-.8770			* 323E	-.7615		
* 125B	-.7125			* 227B	-.7237			* 324E	-.5825		
* 126B	-.5447			* 228B	-.6398			* 325E	-.4894		
* 127B	-.4586			* 229B	-.5570			* 326E	-.4158		

TABLE 126.- TABULATED PRESSURE DATA FOR RUN 61 AT ALPHA = 14.341 DEGREES AND QINF = 2.89 KN/SQM ( 60.33 LB/SQFT )

*****														
WING STATION A				*	WING STATION B				*	WING STATION C				*
TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*
114A	-.1284	128B	-.5661	*	214A	-.1741	255C	.3231	*	313A	-.2830	327E	-.5498	*
113A	-.1886	129B	-.5516	*	213A	-.3161	254C	.4626	*	312A	-.2818	328E	-.4911	*
112A	-.2872	157C	.0576	*	212A	-.3430	253C	.4791	*	311A	-.2610	329E	-.4519	*
111A	-.2078	156C	.1343	*	211A	-.3063	252C	.5092	*	310A	-.0379	330E	.0168	*
110A	-.0892	155C	.3231	*	210A	.1074	251C	.4654	*	309A	.1159			*
109A	.1842	154C	.4024	*	209A	.3295	243C	.7582	*	308A	.4833			*
108A	.5175	153C	.4654	*	208A	.7567	244C	.1868	*	301A	.6883			*
101A	.6627	152C	-.0327	*	201A	.4833	245C	-.0981	*	302A	.0817			*
102A	.0817	144C	.7856	*	202A	-.8923	246C	-.7169	*	303A	-.9094			*
103A	-.4993	145C	-.0210	*	203A	-1.4135	247C	-.6421	*	304A	-1.1059			*
104A	-.9607	146C	-.4611	*	204A	-1.3879	248C	-.4935	*	305A	-1.0717			*
105A	-1.0376	147C	-.8197	*	206A	-1.3281	249C	-.3606	*	307A	-1.4818			*
106A	-1.1230	148C	-.6644	*	207A	-1.6954	250C	-.2399	*	345E	.1466			*
107A	-1.2597	149C	-.5036	*	242B	.6597	264D	-.0135	*	344E	.2041			*
142B	.5037	150C	-.4444	*	241B	.4189	263D	.3641	*	343E	.2041			*
141B	.3860	151C	-.3650	*	240B	.3669	262D	.4134	*	342E	.2053			*
140B	.4024	166D	-.2488	*	239B	.3559	261D	.1835	*	341E	.1600			*
139B	.4052	165D	.1753	*	238B	.3340	256D	.8001	*	340E	.1111			*
138B	.3751	164D	.2054	*	237B	.2922	257D	-.1517	*	339E	.0866			*
137B	.3559	158D	.7286	*	236B	.3338	258D	-.3784	*	338E	.0633			*
136B	.2300	159D	.1209	*	235B	.4085	259D	-.3014	*	337E	.1380			*
135B	.2848	160D	-.5918	*	234B	.5345	260D	-.1874	*	336E	.2653			*
134B	.4107	161D	-.1662	*	233B	.6728			*	335E	.4134			*
133B	.6296	162D	-.3438	*	232B	.7768			*	334E	.5676			*
132B	.6980			*	231B	.5100			*	333E	.7377			*
131B	.1288			*	230B	-1.4212			*	332E	.6190			*
130B	-1.3489			*	215B	-3.7269			*	331E	-.1986			*
115B	-1.6937			*	216B	-3.1736			*	314E	-3.4650			*
116B	-1.5331			*	217B	-4.2245			*	315E	-3.2334			*
117B	-2.8916			*	218B	-3.9682			*	316E	-3.3017			*
118B	-3.3359			*	219B	-3.2163			*	317E	-3.1479			*
119B	-3.0283			*	220B	-3.6264			*	318E	-2.6353			*
120B	-2.4730			*	222B	-1.5290			*	319E	-2.7207			*
121B	-1.6128			*	223B	-1.2788			*	320E	-1.6015			*
122B	-1.1369			*	224B	-1.1302			*	321E	-1.1385			*
123B	-.9426			*	225B	-.9604			*	322E	-.9378			*
124B	-.8052			*	226B	-.9012			*	323E	-.8264			*
125B	-.6566			*	227B	-.7404			*	324E	-.7077			*
126B	-.5963			*	228B	-.6477			*	325E	-.6502			*
127B	-.5594			*	229B	-.5605			*	326E	-.6306			*
*****														

TABLE 127. - TABULATED PRESSURE DATA FOR RUN 61 AT ALPHA = 16.428 DEGREES AND QINF = 2.89 KN/SQM ( 60.32 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.0218	128B	-.5597	214A	.1047	255C	.3475	313A	-.1597	327E	-.8623
113A	-.1424	129B	-.5586	213A	-.2087	254C	.4871	312A	-.1768	328E	-.7154
112A	-.2300	157C	.0492	212A	-.2539	253C	.5062	311A	-.1634	329E	-.6517
111A	-.1397	156C	.1340	211A	-.1781	252C	.5418	310A	.1584	330E	-.0214
110A	.0558	155C	.3311	210A	.3122	251C	.5062	309A	.4062		
109A	.3720	154C	.4132	209A	.5600	243C	.7744	308A	.6967		
108A	.6369	153C	.4816	208A	.7480	244C	.1955	301A	.7565		
101A	.5343	152C	-.0576	201A	.5343	245C	-.0961	302A	-.4312		
102A	-.3287	144C	.7936	202A	-1.6873	246C	-.7251	303A	-1.4481		
103A	-.9354	145C	-.0201	203A	-2.1060	247C	-.6480	304A	-1.4994		
104A	-1.2601	146C	-.4726	204A	-1.8839	248C	-.5028	305A	-1.3028		
105A	-1.3199	147C	-.8725	205A	-1.6617	249C	-.3687	307A	-1.6617		
106A	-1.3541	148C	-.6960	207A	-2.0804	250C	-.2514	345E	.0949		
107A	-1.4139	149C	-.5597	242B	.7005	264D	.0026	344E	.1708		
142B	.5308	150C	-.4704	241B	.4597	263D	.3858	343E	.1855		
141B	.4022	151C	-.4022	240B	.3967	262D	.4405	342E	.1928		
140B	.4214	166D	-.2546	239B	.3940	261D	.2325	341E	.1549		
139B	.4104	165D	.1723	238B	.3748	256D	.7876	340E	.1022		
138B	.3913	164D	.2134	237B	.3372	257D	-.1442	339E	.0937		
137B	.3639	158D	.7138	236B	.3911	258D	-.3832	338E	.0863		
136B	.2708	159D	.1217	235B	.4731	259D	-.3117	337E	.1683		
135B	.3338	160D	-.6335	234B	.5906	260D	-.1955	336E	.3066		
134B	.4624	161D	-.1911	233B	.7154			335E	.4584		
133B	.6513	162D	-.3698	232B	.7803			334E	.6028		
132B	.7005			231B	.5037			333E	.7473		
131B	.2243			230B	-1.3372			332E	.6236		
130B	-1.2152			215B	-3.6786			331E	-.1511		
115B	-1.6914			216B	-3.6783			314E	-3.4375		
116B	-1.6703			217B	-4.7977			315E	-3.3792		
117B	-3.1229			218B	-4.3961			316E	-3.5672		
118B	-3.5330			219B	-3.5758			317E	-3.3280		
119B	-3.1571			220B	-3.9176			318E	-2.7640		
120B	-2.5846			222B	-1.6255			319E	-2.6871		
121B	-1.6702			223B	-1.3641			320E	-1.5506		
122B	-1.1418			224B	-1.1943			321E	-1.0667		
123B	-.9306			225B	-1.0077			322E	-.9149		
124B	-.7698			226B	-.9306			323E	-.9345		
125B	-.6424			227B	-.7541			324E	-.9210		
126B	-.5731			228B	-.6581			325E	-.9381		
127B	-.5631			229B	-.5687			326E	-.9320		

TABLE 128.- TABULATED PRESSURE DATA FOR RUN 61 AT ALPHA = 20.439 DEGREES AND QINF = 2.89 KN/SQM ( 60.40 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
114A	.3474	128B	-.6590	214A	.4570	255C	.2928	313A	.0768	327E	-.9157	
113A	-.0052	129B	-.6612	213A	-.0381	254C	.4677	312A	-.0197	328E	-.7715	
112A	-.1473	157C	.0331	212A	-.1371	253C	.4896	311A	.0524	329E	-.7042	
111A	-.0325	156C	.1260	211A	-.0148	252C	.5305	310A	.3975	330E	-.0637	
110A	.2866	155C	.3392	210A	.5084	251C	.4950	309A	.5938			
109A	.5767	154C	.4212	209A	.7474	243C	.7683	308A	.7644			
108A	.6791	153C	.4814	208A	.4658	244C	.1889	301A	.6450			
101A	.1500	152C	.0358	201A	-.2255	245C	-.1201	302A	-1.1129			
102A	-1.0788	144C	.7902	202A	-3.1695	246C	-.8018	303A	-2.3845			
103A	-1.7018	145C	-.0398	203A	-3.1439	247C	-.7204	304A	-2.0260			
104A	-1.9492	146C	-.5508	204A	-2.7258	248C	-.5976	305A	-1.5908			
105A	-1.7871	147C	-.9569	206A	-2.0004	249C	-.4816	307A	-1.5652			
106A	-1.7700	148C	-.7828	207A	-2.3503	250C	-.4381	345E	.0597			
107A	-1.7700	149C	-.6155	242B	.7164	264D	-.1637	344E	.1428			
142B	.5469	150C	-.5463	241B	.4704	263D	.3474	343E	.1685			
141B	.4130	151C	-.4771	240B	.3802	262D	.3884	342E	.1734			
140B	.4240	166D	-.3222	239B	.3912	261D	.1862	341E	.1367			
139B	.4158	165D	.1698	238B	.3775	256D	.7702	340E	.0976			
138B	.4021	164D	.2272	237B	.3629	257D	-.2919	339E	.0940			
137B	.3775	158D	.6999	236B	.4252	258D	-.6155	338E	.0903			
136B	.3201	159D	.0874	235B	.5144	259D	-.5251	337E	.1869			
135B	.3939	160D	-.7282	234B	.6269	260D	-.3890	336E	.3238			
134B	.5196	161D	-.1681	233B	.7345			335E	.4729			
133B	.6836	162D	-.4492	232B	.7675			334E	.6049			
132B	.7000			231B	.5047			333E	.7247			
131B	.3283			230B	-1.1602			332E	.6122			
130B	-1.0137			215B	-3.6061			331E	-.0857			
115B	-1.5959			216B	-3.9461			314E	-2.9717			
116B	-1.8980			217E	-5.1152			315E	-2.7855			
117B	-3.5877			218B	-4.6715			316E	-3.2720			
118B	-3.9461			219B	-3.9717			317E	-2.8367			
119B	-3.5194			220B	-3.9034			318E	-2.0858			
120B	-2.7087			222B	-1.4779			319E	-1.4031			
121B	-1.6754			223B	-1.1856			320E	-1.0788			
122B	-1.1856			224B	-.9948			321E	-1.1198			
123B	-.9535			225B	-.8264			322E	-1.0575			
124B	-.8085			226B	-.7683			323E	-1.0111			
125B	-.6802			227B	-.6746			324E	-.9548			
126B	-.6188			228B	-.6400			325E	-.9279			
127B	-.6300			229B	-.6032			326E	-.9426			
*****												

TABLE 129 .- TABULATED PRESSURE DATA FOR RUN 61 AT ALPHA = 24.495 DEGREES AND QINF = 2.89 KN/SQM ( 60.45 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5517	1288	-.6978	* 214A	.5859	255C	.2185	* 313A	.2524	327E	-.8078
* 113A	.1666	129B	-.7190	* 213A	.1828	254C	.4124	* 312A	.0961	328E	-.7724
* 112A	-.1338	157C	.0355	* 212A	.0509	253C	.4507	* 311A	.1180	329E	-.7406
* 111A	.0355	156C	.1311	* 211A	.1510	252C	.5026	* 310A	.4566	330E	-.1189
* 110A	.4907	155C	.3414	* 210A	.6186	251C	.4753	* 309A	.6527		
* 109A	.6869	154C	.4316	* 209A	.7465	243C	.7347	* 308A	.6869		
* 108A	.5248	153C	.4916	* 208A	.0388	244C	.1372	* 301A	.2264		
* 101A	-.4643	152C	.0465	* 201A	-1.0101	245C	-.2028	* 302A	-2.4768		
* 102A	-1.9822	144C	.7784	* 202A	-4.1907	246C	-.9431	* 303A	-3.2954		
* 103A	-2.6047	145C	-.0512	* 203A	-3.7217	247C	-.8985	* 304A	-2.6302		
* 104A	-2.6814	146C	-.5952	* 204A	-3.2527	248C	-.7680	* 305A	-2.1527		
* 105A	-2.3659	147C	-1.0356	* 206A	-2.1186	249C	-.6844	* 307A	-2.0504		
* 106A	-2.1868	148C	-.8271	* 207A	-2.2892	250C	-.6320	* 345E	.0716		
* 107A	-2.0163	149C	-.6878	* 242B	.6774	264D	-.3495	* 344E	.1608		
* 142B	.5736	150C	-.6053	* 241B	.4780	263D	.2732	* 343E	.1767		
* 141B	.4179	151C	-.4893	* 240B	.3633	262D	.3250	* 342E	.1767		
* 140B	.4234	166D	-.3031	* 239B	.3797	261D	.1120	* 341E	.1388		
* 139B	.4261	165D	.1694	* 238B	.3797	256D	.7426	* 340E	.1034		
* 138B	.4124	164D	.2213	* 237B	.3574	257D	-.4570	* 339E	.1058		
* 137B	.3769	158D	.6891	* 236B	.4478	258D	-.8416	* 338E	.1205		
* 136B	.3524	159D	.0715	* 235B	.5333	259D	-.7268	* 337E	.2243		
* 135B	.4425	160D	-.7591	* 234B	.6518	260D	-.5874	* 336E	.3721		
* 134B	.5654	161D	-.1638	* 233B	.7434			* 335E	.5187		
* 133B	.6937	162D	-.4693	* 232B	.7605			* 334E	.6420		
* 132B	.6856			* 231B	.5309			* 333E	.7275		
* 131B	.3633			* 230B	-.8713			* 332E	.5932		
* 130B	-.8521			* 215B	-3.1273			* 331E	-.0334		
* 115B	-1.5021			* 216B	-3.7388			* 314E	-3.0394		
* 116B	-2.0845			* 217B	-4.4466			* 315E	-3.4574		
* 117B	-4.0714			* 218B	-4.1140			* 316E	-3.7985		
* 118B	-4.4721			* 219B	-2.9543			* 317E	-3.3636		
* 119B	-3.9008			* 220B	-2.6473			* 318E	-2.4768		
* 120B	-2.8690			* 222B	-1.0668			* 319E	-2.0760		
* 121B	-1.7725			* 223B	-1.0423			* 320E	-1.2744		
* 122B	-1.2374			* 224B	-.9654			* 321E	-1.0313		
* 123B	-.9799			* 225B	-.9096			* 322E	-.9385		
* 124B	-.8294			* 226B	-.8517			* 323E	-.8884		
* 125B	-.7101			* 227B	-.7926			* 324E	-.8371		
* 126B	-.6655			* 228B	-.7903			* 325E	-.8457		
* 127B	-.6956			* 229B	-.7457			* 326E	-.8298		

TABLE 130.- TABULATED PRESSURE DATA FOR RUN 61 AT ALPHA = 28.600 DEGREES AND QINF = 2.90 KN/SQM ( 60.67 LB/SQFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.5522	128B	-.8328	214A	.6032	255C	.2066	313A	.4268	327E	-.7708
113A	.5495	129B	-.8439	213A	.4061	254C	.4161	312A	.2722	328E	-.7526
112A	-.0247	157C	-.0057	212A	.2491	253C	.4651	311A	.3038	329E	-.7343
111A	.1358	156C	.1032	211A	.2965	252C	.5141	310A	.6104	330E	-.1611
110A	.6444	155C	.3318	210A	.7378	251C	.4842	309A	.7238		
109A	.7038	154C	.4297	209A	.6953	243C	.7100	308A	.4999		
108A	.2110	153C	.5032	208A	-.4942	244C	.1314	301A	-.3498		
101A	-1.3439	152C	.0732	201A	-2.1595	245C	-.2152	302A	-3.8674		
102A	-3.3746	144C	.7808	202A	-5.4308	246C	-.9817	303A	-4.2497		
103A	-3.7229	145C	-.0930	203A	-4.5981	247C	-.9517	304A	-3.4595		
104A	-3.5530	146C	-.6973	204A	-3.5870	248C	-.8284	305A	-2.1171		
105A	-2.9157	147C	-1.2138	206A	-2.2785	249C	-.7606	307A	-2.0916		
106A	-2.4909	148C	-.9939	207A	-2.3635	250C	-.6840	345E	.0677		
107A	-2.3295	149C	-.8395	242B	.6719	264D	-.3948	344E	.1602		
142B	.5930	150C	-.7851	241B	.5495	263D	.2801	343E	.1760		
141B	.4461	151C	-.7028	240B	.3998	262D	.3263	342E	.1870		
140B	.4488	166D	-.4248	239B	.4052	261D	.1195	341E	.1639		
139B	.4542	165D	.1358	238B	.4080	256D	.7324	340E	.1310		
138B	.4379	164D	.1984	237B	.4000	257D	-.4785	339E	.1408		
137B	.3971	158D	.6469	236B	.4901	258D	-.8995	338E	.1651		
136B	.4216	159D	.0137	235B	.5862	259D	-.9028	337E	.2746		
135B	.5223	160D	-.9750	234B	.6860	260D	-.6706	336E	.4219		
134B	.6393	161D	-.2141	233B	.7590			335E	.5667		
133B	.7318	162D	-.6740	232B	.7432			334E	.6665		
132B	.6883			231B	.5412			333E	.7201		
131B	.4189			230B	-.7209			332E	.6008		
130B	-.6153			215B	-2.9202			331E	.0665		
115B	-1.4861			216B	-3.6804			314E	-2.5891		
116B	-2.3550			217B	-4.5216			315E	-3.1282		
117B	-4.5471			218B	-3.8504			316E	-3.3746		
118B	-4.7935			219B	-2.5504			317E	-2.9837		
119B	-4.2752			220B	-2.2275			318E	-1.9726		
120B	-3.0177			222B	-1.0239			319E	-1.3609		
121B	-1.8059			223B	-.9739			320E	-1.0380		
122B	-1.1683			224B	-.9194			321E	-.9838		
123B	-.8839			225B	-.8706			322E	-.9497		
124B	-.7484			226B	-.8617			323E	-.9096		
125B	-.7173			227B	-.8184			324E	-.8146		
126B	-.7706			228B	-.8128			325E	-.8049		
127B	-.8017			229B	-.8017			326E	-.7854		
*****											

TABLE 131.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 61

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.883	-.14551	.14534	.06770	.02032	-.14100	-.06222	.01538	.00760	-.13178	-.02651
.215	-.10701	.51669	.09209	.02986	-.12194	.38686	.13647	.04742	-.12629	.15226
4.195	-.05749	.87047	.09504	.03283	-.08900	.88633	.14965	.05188	-.10393	.59895
8.333	-.02578	1.16436	.09977	.03433	-.04647	1.30873	.16745	.05892	-.07939	.93549
12.285	.05758	1.39471	.09988	.03583	.08592	1.62112	.17392	.06169	.03733	1.18182
14.341	.06979	1.31789	.12546	.04540	.15076	1.72970	.17559	.06247	.10039	1.31882
16.428	.11811	1.36234	.13168	.04762	.23786	1.87195	.18249	.06625	.16184	1.47083
20.439	.20949	1.46599	.14452	.05261	.36329	1.83721	.19559	.08175	.24360	1.35395
24.495	.30421	1.56503	.15366	.05439	.43712	1.63982	.21909	.09454	.35006	1.41527
28.600	.40835	1.65301	.17797	.06576	.50973	1.59342	.23056	.10226	.42954	1.33052



TABLE 132.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 61

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.883	-.01984	-.04934	.00033	.00219	-.00434	.00527	-.00572	-.00192	-.01201	-.00959
.215	-.00414	-.06509	.00500	.00317	-.00195	-.04804	.00907	.00147	-.00888	-.04920
4.195	-.00104	-.08583	.00524	.00317	.00212	-.07942	.01425	.00247	-.00543	-.08057
8.333	.03022	-.13931	.00590	.00320	.02904	-.15536	.01650	.00256	.01118	-.14552
12.285	.05604	-.19684	.00604	.00320	.04497	-.20582	.01688	.00257	.04209	-.19247
14.341	.05440	-.17220	.00840	.00229	.04795	-.22198	.01716	.00253	.04592	-.19551
16.428	.05702	-.18309	.00892	.00228	.04714	-.24686	.01777	.00255	.04928	-.18949
20.439	.05563	-.19791	.00972	.00192	.02486	-.26552	.02168	.00218	.04066	-.14562
24.495	.04582	-.21635	.00995	.00181	-.00387	-.21592	.02564	.00165	.02925	-.18284
28.600	.01984	-.23425	.01214	.00137	-.04201	-.20508	.02699	.00185	.00298	-.15264

TABLE 123.- PITCHING-MOMENT COEFFICIENT FOR RUN 61

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.883	.00962	-.11623	-.00481	-.00085	.00981	.00284	-.00181	-.00035	.00990	-.00988
.215	.00642	-.25067	-.00633	-.00105	.00807	-.19492	-.01359	-.00251	.00888	-.08538
4.195	.00203	-.23617	-.00663	-.00118	.00496	-.33300	-.01474	-.00279	.00651	-.23237
8.333	.00002	-.40223	-.00686	-.00123	.00203	-.42913	-.01650	-.00315	.00420	-.28815
12.285	-.00530	-.44914	-.00691	-.00130	-.00674	-.50530	-.01710	-.00329	-.00396	-.34857
14.341	-.00582	-.44173	-.00884	-.00175	-.01099	-.53246	-.01722	-.00333	-.00816	-.41232
16.428	-.00878	-.44968	-.00933	-.00185	-.01698	-.56862	-.01791	-.00354	-.01196	-.50034
20.439	-.01447	-.48168	-.01019	-.00210	-.02495	-.53716	-.01947	-.00436	-.01680	-.49609
24.495	-.02006	-.50830	-.01084	-.00220	-.02919	-.52122	-.02203	-.00502	-.02380	-.48535
28.600	-.02536	-.53869	-.01274	-.00280	-.03282	-.52122	-.02331	-.00552	-.02739	-.47535

TABLE 134.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 61 OF TEST 218

MACH	Q,KPA (PSF)	ALPHA,DEG	CL	CD	CPM	CRM	CYM	CSF
.204	2.89 (60.31)	-5.88	-.1218	.1445	-.2095	-.0003	.0028	-.0135
.204	2.89 (60.35)	-3.88	.0006	.1203	-.1531	.0003	.0022	-.0080
.204	2.89 (60.34)	-1.92	.1746	.0960	-.1452	.0010	.0018	-.0115
.204	2.88 (60.24)	.21	.4548	.0785	-.1545	.0034	.0020	-.0073
.204	2.89 (60.29)	2.27	.7212	.0758	-.1554	.0000	.0012	-.0059
.204	2.88 (60.23)	4.20	.9389	.0831	-.1513	.0018	.0017	-.0057
.204	2.89 (60.29)	6.31	1.1552	.0988	-.1307	.0014	.0023	-.0039
.204	2.88 (60.23)	8.33	1.3730	.1164	-.1161	.0010	.0020	-.0018
.204	2.89 (60.36)	10.29	1.5565	.1388	-.0928	.0003	.0019	-.0043
.204	2.88 (60.19)	12.29	1.7595	.1659	-.0625	-.0007	.0017	.0014
.204	2.90 (60.52)	13.44	1.8634	.1796	-.0556	-.0012	.0014	-.0017
.204	2.89 (60.28)	14.34	1.8593	.2138	-.0698	-.0071	.0000	.0095
.205	2.92 (60.92)	15.44	1.9283	.2328	-.0518	-.0082	.0013	.0043
.204	2.89 (60.27)	16.43	2.0048	.2559	-.0377	-.0074	.0025	.0094
.204	2.88 (60.19)	17.44	2.0042	.2966	-.0783	.0023	.0041	-.0055
.204	2.89 (60.27)	18.41	2.0580	.3224	-.0541	-.0017	.0021	-.0006
.204	2.89 (60.35)	20.44	2.1048	.3911	-.0009	-.0113	-.0026	.0092
.204	2.89 (60.46)	22.55	2.1573	.4567	.0336	-.0168	-.0066	.0099
.204	2.89 (60.40)	24.49	2.1605	.5306	.0939	-.0194	-.0080	.0083
.204	2.88 (60.16)	26.64	2.1358	.6130	.1479	-.0082	-.0017	.0066
.204	2.90 (60.62)	28.60	2.1669	.6831	.1837	-.0091	-.0009	.0024

TABLE 135.- TABULATED PRESSURE DATA FOR RUN 70 AT ALPHA = -3.847 DEGREES AND QINF = 2.89 KN/SQM ( 60.43 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.7796	128B	-.3440	214A	-.5217	255C	-.1295	313A	-.6451	327E	-.3470
113A	-.6949	129B	-.3640	213A	-.5217	254C	-.1322	312A	-.6512	328E	-.3055
112A	-.7878	157C	.0973	212A	-.5229	253C	-.2141	311A	-.6512	329E	-.2456
111A	-.6403	156C	.1355	211A	-.5107	252C	-.3234	310A	-.6675	330E	-.0147
110A	-.6931	155C	.2093	210A	-.5140	251C	-.3671	309A	-.6334		
109A	-.7187	154C	.1956	209A	-.5310	243C	-.4619	308A	-.6249		
108A	-.6931	153C	.2120	208A	-.5566	244C	-.3908	301A	-.6078		
101A	-.7528	152C	-.0639	201A	-.2922	245C	-.3863	302A	-.3505		
102A	.1769	144C	.1465	202A	.3646	246C	-.3640	303A	.6716		
103A	.7226	145C	-.1399	203A	.7228	247C	-.3417	304A	.7996		
104A	.7910	146C	-.3573	204A	.7399	248C	-.3036	305A	.7057		
105A	.6631	147C	-.4967	206A	.4328	249C	-.2414	307A	.1684		
106A	.4584	148C	-.4254	207A	.0234	250C	-.2001	345E	-.1796		
107A	.1172	149C	-.3417	242B	-.3125	264D	-.0011	344E	-.2309		
142B	.1246	150C	-.2213	241B	-.3016	263D	-.0630	343E	-.2456		
141B	.1711	151C	-.1198	240B	-.2988	262D	-.0311	342E	-.3152		
140B	.0782	166D	.0263	239B	-.5010	261D	-.0666	341E	-.3580		
139B	.0345	165D	.1793	238B	-.4791	256D	-.2213	340E	-.4252		
138B	-.0448	164D	.1956	237B	-.5425	257D	-.2012	339E	-.5022		
137B	.1026	158C	.2973	236B	-.5498	258D	-.1611	338E	-.5804		
136B	-.3234	159D	.2292	235B	-.5315	259D	-.1198	337E	-.6366		
135B	-.4873	160D	.0162	234B	-.5413	260D	-.0774	336E	-.6793		
134B	-.6075	161D	-.0886	233B	-.5425			335E	-.6586		
133B	-.6540	162D	-.0596	232B	-.5584			334E	-.6610		
132B	-.6704			231B	-.5620			333E	-.6744		
131B	-.6622			230B	-.5669			332E	-.6732		
130B	-.7796			215B	-.5950			331E	-.6916		
115B	-.9381			216B	-.7358			314E	-.7074		
116B	-.8211			217B	.5693			315E	-.8637		
117B	.3560			218B	-.2496			316E	-.0875		
118B	-.3860			219B	-.5140			317E	.0831		
119B	-.7613			220B	-.5652			318E	-.3775		
120B	-.7137			222B	-.3908			319E	-.2496		
121B	-.5146			223B	-.3930			320E	-.3775		
122B	-.4633			224B	-.4053			321E	-.3262		
123B	-.4477			225B	-.4075			322E	-.3580		
124B	-.4276			226B	-.5179			323E	-.3470		
125B	-.4410			227B	-.4399			324E	-.3629		
126B	-.3919			228B	-.4343			325E	-.3885		
127B	-.3629			229B	-.2696			326E	-.4008		

TABLE 136 .- TABULATED PRESSURE DATA FOR RUN 70 AT ALPHA = .117 DEGREES AND QINF = 2.89 KN/SQM ( 60.42 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.5037	128B	-.3740	214A	-.4643	255C	.2696	313A	-.4985	327E	-.2590
113A	-.4900	129B	-.3662	213A	-.4496	254C	.3570	312A	-.5400	328E	-.1465
112A	-.4923	157C	.1220	212A	-.4545	253C	.3406	311A	-.5425	329E	-.0720
111A	-.5010	156C	.1767	211A	-.4423	252C	.3434	310A	-.5993	330E	-.0280
110A	-.4798	155C	.3215	210A	-.4372	251C	.3270	309A	-.5737		
109A	-.4457	154C	.3789	209A	-.4287	243C	.2723	308A	-.5566		
108A	-.4628	153C	.4281	208A	-.4969	244C	.0119	301A	-.6078		
101A	-.2836	152C	-.0392	201A	-.2580	245C	-.1666	302A	.0491		
102A	.4842	144C	.7150	202A	.6975	246C	-.5045	303A	.7743		
103A	.7487	145C	.0141	203A	.7999	247C	-.5012	304A	.6975		
104A	.6293	146C	-.3350	204A	.6804	248C	-.4186	305A	.5525		
105A	.4245	147C	-.5993	206A	.2795	249C	-.3104	307A	-.0106		
106A	.2368	148C	-.4766	207A	-.1045	250C	-.1689	345E	.1211		
107A	-.1045	149C	-.3473	242B	.3024	264D	.0346	344E	.1125		
142B	.3762	150C	-.2212	241B	.2887	263D	.2969	343E	.0981		
141B	.3215	151C	-.1164	240B	.1767	262D	.3379	342E	.0820		
140B	.3133	166D	-.0474	239B	.1466	261D	.1521	341E	.0466		
139B	.3051	165D	.2259	238B	.0811	256D	.5562	340E	-.0158		
138B	.2669	164D	.2177	237B	-.0023	257D	-.1152	339E	-.0585		
137B	.1384	158D	.7236	236B	-.0805	258D	-.2770	338E	-.1038		
136B	.0865	159D	.2484	235B	-.3604	259D	-.2112	337E	-.1856		
135B	.0619	160D	-.2389	234B	-.5242	260D	-.1074	336E	-.3470		
134B	-.3479	161D	-.0985	233B	-.5339			335E	-.5498		
133B	-.5993	162D	-.0996	232B	-.5058			334E	-.6671		
132B	-.5420			231B	-.5083			333E	-.6231		
131B	-.5256			230B	-.5498			332E	-.6219		
130B	-.5228			215B	-.5804			331E	-.6464		
115B	-.5146			216B	-.5396			314E	-.6500		
116B	-.4884			217B	-.6334			315E	-.6419		
117B	-.4543			218B	-.8296			316E	-.6419		
118B	-.8126			219B	-.8723			317E	-.6249		
119B	-1.2306			220B	-.9832			318E	-.6505		
120B	-1.2050			222B	-.6473			319E	-.6761		
121B	-.8682			223B	-.5926			320E	-.5652		
122B	-.6808			224B	-.5558			321E	-.4704		
123B	-.6027			225B	-.5291			322E	-.4411		
124B	-.5614			226B	-.5781			323E	-.4142		
125B	-.5190			227B	-.5157			324E	-.3799		
126B	-.4454			228B	-.4678			325E	-.3824		
127B	-.4041			229B	-.4354			326E	-.3372		





TABLE 139. - TABULATED PRESSURE DATA FOR RUN 70 AT ALPHA = 12.375 DEGREES AND QINF = 2.89 KN/SQM ( 60.35 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.0786	128B	-.4001	214A	-.2799	255C	.3208	313A	-.3362	327E	-.7008
113A	-.2728	129B	-.3543	213A	-.3974	254C	.4630	312A	-.3411	328E	-.6102
112A	-.3440	157C	.1913	212A	-.4059	253C	.4794	311A	-.3166	329E	-.5589
111A	-.2838	156C	.2360	211A	-.3705	252C	.5095	310A	-.1142	330E	-.4084
110A	-.1655	155C	.3946	210A	-.0459	251C	.4576	309A	.0310		
109A	.1249	154C	.4603	209A	.1506	243C	.7557	308A	.3555		
108A	.4751	153C	.5095	208A	.6886	244C	.1672	301A	.6716		
101A	.6972	152C	.0253	201A	.5093	245C	-.1165	302A	.4580		
102A	.1933	144C	.6186	202A	-.2850	246C	-.7262	303A	-.4302		
103A	-.3961	145C	.0667	203A	-1.0379	247C	-.6569	304A	-.7462		
104A	-.6231	146C	-.2662	204A	-1.0196	248C	-.5185	305A	-.7304		
105A	-.9854	147C	-.5966	206A	-1.0879	249C	-.3766	307A	-1.2672		
106A	-1.0964	148C	-.4392	207A	-1.4979	250C	-.2460	345E	.1593		
107A	-1.2758	149C	-.3018	242B	.6436	264D	-.0047	344E	.2302		
142B	.5369	150C	-.2080	241B	.4028	263D	.3618	343E	.2437		
141B	.4165	151C	-.1265	240B	.3427	262D	.4165	342E	.2449		
140B	.4329	166D	-.0649	239B	.3427	261D	.1840	341E	.1935		
139B	.4247	165D	.2633	238B	.3126	256D	.8048	340E	.1422		
138B	.3946	164D	.2934	237B	.2633	257D	-.1578	339E	.1140		
137B	.2743	158D	.7691	236B	.3098	258D	-.3856	338E	.0908		
136B	.2387	159D	.2788	235B	.3856	259D	-.3096	337E	.1532		
135B	.2852	160D	-.1343	234B	.5129	260D	-.1879	336E	.2829		
134B	.4193	161D	-.0719	233B	.6584			335E	.4297		
132B	.6299	162D	-.1254	232B	.7845			334E	.5752		
132B	.7010			231B	.5104			333E	.7661		
131B	.0636			230B	-1.5143			332E	.6462		
130B	-1.5284			215B	-3.8474			331E	-.2151		
115B	-1.8813			216B	-2.9498			314E	-3.3886		
116B	-1.5576			217B	-3.9054			315E	-3.0267		
117B	-3.0523			218B	-3.5819			316E	-3.0182		
118B	-3.6246			219B	-3.0182			317E	-2.9071		
119B	-3.4196			220B	-3.3598			318E	-2.4374		
120B	-2.8388			222B	-1.4643			319E	-2.5313		
121B	-1.8774			223B	-1.2331			320E	-1.4722		
122B	-1.3303			224B	-1.0935			321E	-1.0372		
123B	-1.0511			225B	-.9394			322E	-.8623		
124B	-.8791			226B	-.6981			323E	-.8158		
125B	-.7126			227B	-.7329			324E	-.7778		
126B	-.5464			228B	-.6569			325E	-.7656		
127B	-.4604			229B	-.5721			326E	-.7350		



TABLE 140 .- TABULATED PRESSURE DATA FOR RUN 70 AT ALPHA = 14.405 DEGREES AND QINF = 2.89 KN/SQM ( 60.46 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.1261	128B	-.5573	214A	-.1240	255C	.3299	313A	-.2108	327E	-.8446
113A	-.1971	129B	-.5651	213A	-.3292	254C	.4664	312A	-.2279	328E	-.7811
112A	-.2681	157C	.0541	212A	-.3231	253C	.4801	311A	-.2156	329E	-.7139
111A	-.1917	156C	.1386	211A	-.2975	252C	.5129	310A	.0665	330E	-.5576
110A	-.0699	155C	.3272	210A	.1347	251C	.4664	309A	.2456		
109A	.1859	154C	.4118	209A	.4076	243C	.7559	308A	.6122		
108A	.5269	153C	.4692	208A	.7827	244C	.1851	301A	.7657		
101A	.6378	152C	.0131	201A	.5440	245C	-.0980	302A	.0154		
102A	.6239	144C	.7996	202A	-.9907	246C	-.7200	303A	-1.0418		
103A	-.5644	145C	-.0200	203A	-1.4340	247C	-.6487	304A	-1.1953		
104A	-.9566	146C	-.4804	204A	-1.3829	248C	-.5004	305A	-1.0845		
105A	-1.0248	147C	-.8337	206A	-1.3573	249C	-.3678	307A	-1.5193		
106A	-1.1442	148C	-.6520	207A	-1.7580	250C	-.2396	345E	.1190		
107A	-1.2379	149C	-.5328	242B	.6658	264D	-.0005	344E	.2020		
142B	.5293	150C	-.4436	241B	.4173	263D	.3818	343E	.2118		
141B	.3955	151C	-.3812	240B	.3600	262D	.4337	342E	.2142		
140B	.4119	166D	-.2381	239B	.3627	261D	.2016	341E	.1727		
139B	.4091	165D	.1825	238B	.3436	256D	.8127	340E	.1251		
138B	.3873	164D	.2207	237B	.3010	257D	-.1437	339E	.1080		
137B	.3108	158D	.7280	236B	.3437	258D	-.3801	338E	.0921		
136B	.2480	159D	.1517	235B	.4292	259D	-.3043	337E	.1727		
135B	.3026	160D	-.5060	234B	.5562	260D	-.1928	336E	.3071		
134B	.4200	161D	-.1515	233B	.6844			335E	.4585		
133B	.6385	162D	-.3444	232B	.7821			334E	.6038		
132B	.6986			231B	.5061			333E	.7675		
131B	.1579			230B	-1.4198			332E	.6417		
130B	-1.3003			215B	-3.7182			331E	-.1570		
115B	-1.6663			216B	-3.2586			314E	-3.3934		
116B	-1.4937			217B	-4.3755			315E	-3.2501		
117B	-2.8664			218B	-3.9407			316E	-3.3183		
118B	-3.2927			219B	-3.2586			317E	-3.1819		
119B	-3.0114			220B	-3.5911			318E	-2.6021		
120B	-2.4827			222B	-1.5371			319E	-2.5595		
121B	-1.6452			223B	-1.2863			320E	-1.4511		
122B	-1.1626			224B	-1.1347			321E	-1.0021		
123B	-.9385			225B	-.9675			322E	-.8495		
124B	-.8048			226B	-.9062			323E	-.8788		
125B	-.6732			227B	-.7356			324E	-.8392		
126B	-.5785			228B	-.6509			325E	-.8348		
127B	-.5707			229B	-.5629			326E	-.8348		

TABLE 141 .- TABULATED PRESSURE DATA FOR RUN 70 AT ALPHA = 16.463 DEGREES AND QINF = 2.89 KN/SQM ( 60.36 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.0496	128B	-.5724	214A	.1393	255C	.3477	313A	-.0785	327E	-.6797
113A	-.1146	129B	-.5802	213A	-.2106	254C	.4845	312A	-.1201	328E	-.8198
112A	-.2185	157C	.0496	212A	-.2387	253C	.5091	311A	-.1066	329E	-.7794
111A	-.1222	156C	.1398	211A	-.1543	252C	.5310	310A	.2441	330E	-.5715
110A	.0733	155C	.3422	210A	.3551	251C	.5009	309A	.4576		
109A	.3722	154C	.4243	209A	.6284	243C	.7560	308A	.7480		
108A	.6455	153C	.4899	208A	.7480	244C	.2002	301A	.7480		
101A	.5601	152C	.0386	201A	.5772	245C	-.0845	302A	-.6441		
102A	-.2256	144C	.8016	202A	-1.8227	246C	-.7198	303A	-1.7202		
103A	-.9174	145C	-.0242	203A	-2.1131	247C	-.6439	304A	-1.6348		
104A	-1.3017	146C	-.4876	204A	-1.9166	248C	-.4954	305A	-1.4213		
105A	-1.3017	147C	-.8817	206A	-1.6690	249C	-.3647	307A	-1.7287		
106A	-1.3359	148C	-.6630	207A	-2.0789	250C	-.2475	345E	.0904		
107A	-1.3957	149C	-.5590	2423	.7006	264D	.0031	344E	.1846		
142B	.5419	150C	-.4842	241B	.4653	263D	.3860	343E	.1992		
141B	.4079	151C	-.3936	240B	.3942	262D	.4462	342E	.2090		
140B	.4298	166D	-.2650	239B	.3915	261D	.2301	341E	.1723		
139B	.4243	165D	.1508	238B	.3805	256D	.7965	340E	.1344		
138B	.3997	164D	.2246	237B	.3436	257D	-.1414	339E	.1295		
137B	.3313	158D	.7206	235B	.3962	258D	-.3837	338E	.1222		
136B	.2821	159D	.1623	235B	.4806	259D	-.3078	337E	.2078		
135B	.3395	160D	-.4820	234B	.5980	260D	-.1961	336E	.3534		
134B	.4571	161D	-.1615	233B	.7130			335E	.5002		
133B	.6595	162D	-.3781	232B	.7766			334E	.6372		
132B	.7060			231B	.5026			333E	.7681		
131B	.2492			230B	-1.3346			332E	.6347		
130B	-1.1595			215B	-3.6946			331E	-.1103		
115B	-1.6518			216B	-3.6760			314E	-3.3704		
116B	-1.6604			217B	-4.8802			315E	-3.4112		
117B	-3.1033			218B	-4.5215			316E	-3.6418		
118B	-3.5649			219B	-3.5906			317E	-3.4112		
119B	-3.1306			220B	-3.9407			318E	-2.7963		
120B	-2.5315			222B	-1.6310			319E	-2.6426		
121B	-1.6634			223B	-1.3663			320E	-1.4555		
122B	-1.1787			224B	-1.1921			321E	-.9739		
123B	-.9521			225B	-1.0023			322E	-.8687		
1243	-.8047			226B	-.9130			323E	-.8846		
125B	-.6595			227B	-.7343			324E	-.8308		
126B	-.5780			226B	-.6528			325E	-.8626		
127B	-.5691			229B	-.5624			326E	-.8773		

TABLE 142.- TABULATED PRESSURE DATA FOR RUN 70 AT ALPHA = 20.373 DEGREES AND QINF = 2.90 KN/SQM ( 60.55 LB/SQFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.2917	128B	-.6362	214A	.4802	255C	.2971	313A	.1558	327E	-.9051
113A	.0026	129B	-.6529	213A	-.0527	254C	.4607	312A	.0692	328E	-.8405
112A	-.1419	157C	.0381	212A	-.1442	253C	.4907	311A	.0973	329E	-.7917
111A	-.0355	156C	.1226	211A	-.0137	252C	.5262	310A	.4585	330E	-.5771
110A	.2712	155C	.3360	210A	.5521	251C	.4934	309A	.6628		
109A	.5606	154C	.4307	209A	.7735	243C	.7661	308A	.7820		
108A	.6713	153C	.4962	208A	.4585	244C	.1830	301A	.4585		
101A	.1775	152C	.0354	201A	-.1460	245C	-.1197	302A	-1.8146		
102A	-1.0484	144C	.7988	202A	-3.3044	246C	-.7965	303A	-2.7851		
103A	-1.6869	145C	-.0407	203A	-3.2023	247C	-.7308	304A	-2.3169		
104A	-1.9168	146C	-.5583	204A	-2.7681	248C	-.5839	305A	-2.0019		
105A	-1.7720	147C	-.9757	206A	-2.0615	249C	-.4915	307A	-1.9508		
106A	-1.7635	148C	-.7776	207A	-2.3935	250C	-.4125	345E	.0912		
107A	-1.7380	149C	-.6329	242B	.7061	264D	-.1637	344E	.1936		
142B	.5561	150C	-.5527	241B	.4634	263D	.3462	343E	.2070		
141B	.4171	151C	-.4937	240B	.3789	262D	.3980	342E	.2168		
140B	.4334	166D	-.3218	239B	.3816	261D	.1880	341E	.1814		
139B	.4307	165D	.1635	238B	.3871	256D	.7696	340E	.1485		
138B	.4144	164D	.2153	237B	.3570	257D	-.2745	339E	.1558		
137B	.3544	158D	.6939	236B	.4241	258D	-.5739	338E	.1631		
136B	.3271	159D	.1407	235B	.5192	259D	-.4848	337E	.2643		
135B	.4116	160D	-.7119	234B	.6363	260D	-.4069	336E	.3997		
134B	.5262	161D	-.1621	233B	.7411			335E	.5411		
133B	.6870	162D	-.4570	232B	.7667			334E	.6655		
132B	.7034			231B	.4997			333E	.7619		
131B	.3407			230B	-1.1941			332E	.6314		
130B	-.9681			215B	-3.6025			331E	-.0222		
115B	-1.6007			216B	-4.0196			314F	-3.0855		
116B	-1.8657			217B	-5.2114			315E	-3.4406		
117B	-3.5598			218B	-4.7262			316E	-3.7727		
118B	-3.9259			219B	-4.0366			317E	-3.5088		
119B	-3.5173			220B	-3.9344			318E	-2.7085		
120B	-2.6915			222B	-1.4955			319E	-2.3850		
121B	-1.6780			223B	-1.2261			320E	-1.3634		
122B	-1.1600			224B	-1.0558			321E	-.9783		
123B	-.9612			225B	-.8710			322E	-.9076		
124B	-.8054			226B	-.7742			323E	-.9307		
125B	-.6763			227B	-.6662			324E	-.8844		
126B	-.6173			228B	-.6362			325E	-.8966		
127B	-.6262			229B	-.6184			326E	-.9100		
*****											

TABLE 143 .- TABULATED PRESSURE DATA FOR RUN 70 AT ALPHA = 24.599 DEGREES AND QINF = 2.89 KN/SQM ( 60.42 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5378	128B	-.7076	* 214A	.5917	255C	.2317	* 313A	.3619	327E	-.7794
* 113A	.1962	129B	-.7120	* 213A	.2116	254C	.4285	* 312A	.1921	328E	-.7598
* 112A	-.1235	157C	.0377	* 212A	.0833	253C	.4722	* 311A	.2214	329E	-.7329
* 111A	.0514	156C	.1334	* 211A	.1699	252C	.5132	* 310A	.5416	330E	-.5961
* 110A	.4999	155C	.3438	* 210A	.6439	251C	.4858	* 309A	.7122		
* 109A	.6866	154C	.4339	* 209A	.7634	243C	.7399	* 308A	.6525		
* 108A	.5160	153C	.4995	* 208A	-.0471	244C	.1379	* 301A	.0212		
* 101A	-.4992	152C	.0487	* 201A	-1.1546	245C	-.1856	* 302A	-3.0328		
* 102A	-2.0433	144C	.7809	* 202A	-4.2271	246C	-.9340	* 303A	-3.8006		
* 103A	-2.6489	145C	-.0529	* 203A	-3.8774	247C	-.9117	* 304A	-3.0755		
* 104A	-2.7854	146C	-.6061	* 204A	-3.3655	248C	-.7466	* 305A	-2.1456		
* 105A	-2.4527	147C	-1.0555	* 206A	-2.1286	249C	-.6886	* 307A	-2.1542		
* 106A	-2.2053	148C	-.8470	* 207A	-2.2565	250C	-.6250	* 345E	.1273		
* 107A	-2.0433	149C	-.6886	* 242B	.6880	264D	-.3557	* 344E	.2300		
* 142B	.5760	150C	-.5905	* 241B	.4995	263D	.2809	* 343E	.2410		
* 141B	.4203	151C	-.5113	* 240B	.3711	262D	.3274	* 342E	.2471		
* 140B	.4339	166D	-.3120	* 239B	.3902	261D	.1143	* 341E	.2031		
* 139B	.4285	165D	.1798	* 238B	.3929	256D	.7424	* 340E	.1676		
* 138B	.4175	164D	.2263	* 237B	.3815	257D	-.4443	* 339E	.1762		
* 137B	.3602	158D	.6899	* 236B	.4572	258D	-.8180	* 338E	.1909		
* 136B	.3711	159D	.1367	* 235B	.5513	259D	-.7321	* 337E	.2959		
* 135B	.4531	160D	-.6786	* 234B	.6625	260D	-.5893	* 336E	.4377		
* 134B	.5787	161D	-.1711	* 233B	.7530			* 335E	.5746		
* 133B	.7017	162D	-.4655	* 232B	.7688			* 334E	.6858		
* 132B	.6798			* 231B	.5379			* 333E	.7493		
* 131B	.3738			* 230B	-.8881			* 332E	.6088		
* 130B	-.7792			* 215B	-3.1451			* 331E	-.0047		
* 115B	-1.5032			* 216B	-3.8433			* 314E	-2.9117		
* 116B	-2.0689			* 217B	-4.5769			* 315E	-3.4935		
* 117B	-3.9797			* 218B	-4.0906			* 316E	-3.8859		
* 118B	-4.4063			* 219B	-2.9305			* 317E	-3.3741		
* 119B	-3.9286			* 220B	-2.9305			* 318E	-2.3674		
* 120B	-2.8793			* 222B	-1.1503			* 319E	-1.9068		
* 121B	-1.7872			* 223B	-1.0187			* 320E	-1.1816		
* 122B	-1.2162			* 224B	-.9574			* 321E	-1.0274		
* 123B	-.9697			* 225B	-.9083			* 322E	-.9407		
* 124B	-.8247			* 226B	-.8782			* 323E	-.8710		
* 125B	-.6975			* 227B	-.7946			* 324E	-.8197		
* 126B	-.6685			* 228B	-.7678			* 325E	-.8136		
* 127B	-.6630			* 229B	-.7466			* 326E	-.7843		

TABLE 144.- TABULATED PRESSURE DATA FOR RUN 70 AT ALPHA = 28.490 DEGREES AND QINF = 2.90 KN/SQM ( 60.48 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5616	128B	-.6231	* 214A	.6129	255C	.2285	* 313A	.4969	327E	-.7326
* 113A	.5589	129B	-.8766	* 213A	.4212	254C	.4278	* 312A	.3589	328E	-.7179
* 112A	-.0226	157C	-.0062	* 212A	.2661	253C	.4742	* 311A	.3772	329E	-.6935
* 111A	.1521	156C	.1002	* 211A	.3003	252C	.5234	* 310A	.6943	330E	-.5971
* 110A	.6176	155C	.3323	* 210A	.7198	251C	.4988	* 309A	.7625		
* 109A	.6772	154C	.4306	* 209A	.6772	243C	.7309	* 308A	.4471		
* 108A	.1829	153C	.5015	* 208A	-.6099	244C	.1352	* 301A	-.5672		
* 101A	-1.3599	152C	.0757	* 201A	-2.3146	245C	-.2125	* 302A	-4.4796		
* 102A	-3.3289	144C	.7745	* 202A	-5.4343	246C	-.9680	* 303A	-4.6160		
* 103A	-3.7125	145C	-.0966	* 203A	-4.6927	247C	-.9602	* 304A	-3.6443		
* 104A	-3.5761	146C	-.7028	* 204A	-3.3886	248C	-.8332	* 305A	-2.3146		
* 105A	-2.9198	147C	-1.2154	* 206A	-2.2294	249C	-.7663	* 307A	-2.1271		
* 106A	-2.5192	148C	-.9992	* 207A	-2.3402	250C	-.6883	* 345E	.1416		
* 107A	-2.3657	149C	-.8399	* 242B	.6763	264D	-.3857	* 344E	.2368		
* 142B	.5944	150C	-.7908	* 241B	.5643	263D	.2866	* 343E	.2551		
* 141B	.4442	151C	-.6994	* 240B	.4087	262D	.3377	* 342E	.2588		
* 140B	.4415	166D	-.4376	* 239B	.4169	261D	.1303	* 341E	.2234		
* 139B	.4442	165D	.1330	* 238B	.4251	256D	.7248	* 340E	.1929		
* 138B	.4386	164D	.2040	* 237B	.4114	257D	-.4755	* 339E	.2185		
* 137B	.3842	158D	.6401	* 236B	.5018	258D	-.9101	* 338E	.2368		
* 136B	.4169	159D	.0561	* 235B	.5921	259D	-.8053	* 337E	.3443		
* 135B	.5207	160D	-.8978	* 234B	.6935	260D	-.6794	* 336E	.4908		
* 134B	.6408	161D	-.2281	* 233B	.7643			* 335E	.6153		
* 133B	.7500	162D	-.6772	* 232B	.7472			* 334E	.7032		
* 132B	.7090			* 231B	.5469			* 333E	.7423		
* 131B	.4306			* 230B	-.7094			* 332E	.6129		
* 130B	-.6014			* 215B	-2.8973			* 331E	.1111		
* 115B	-1.4613			* 216B	-3.6358			* 314E	-2.4993		
* 116B	-2.3572			* 217B	-4.5137			* 315E	-3.0988		
* 117B	-4.5222			* 218B	-3.7295			* 316E	-3.4141		
* 118B	-4.8035			* 219B	-2.5192			* 317E	-2.8772		
* 119B	-4.2836			* 220B	-2.1867			* 318E	-1.7606		
* 120B	-3.0135			* 222B	-1.0170			* 319E	-1.2747		
* 121B	-1.7904			* 223B	-.9780			* 320E	-.9934		
* 122B	-1.1564			* 224B	-.9324			* 321E	-.9988		
* 123B	-.8744			* 225B	-.6766			* 322E	-.9646		
* 124B	-.7418			* 226B	-.8744			* 323E	-.8571		
* 125B	-.7306			* 227B	-.8120			* 324E	-.7863		
* 126B	-.7630			* 228B	-.8131			* 325E	-.7692		
* 127B	-.7931			* 229B	-.7841			* 326E	-.7497		

TABLE 145.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 70

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.847	-.14740	.11730	.07221	.01694	-.14298	-.06057	.01698	.00762	-.15402	-.18624
.117	-.10992	.50068	.09557	.02908	-.12879	.38154	.13622	.04760	-.13241	.15564
4.205	-.05932	.88444	.09897	.03022	-.08261	.90733	.15624	.05323	-.11405	.66257
6.387	-.03073	1.17309	.10291	.03183	-.04097	1.32983	.16737	.05859	-.06899	1.04974
12.375	.05694	1.39711	.10311	.03213	.09391	1.64391	.17867	.06313	.04896	1.33634
14.405	.07301	1.32613	.12840	.04423	.15746	1.74313	.17720	.06491	.11693	1.41567
16.463	.11852	1.37712	.13485	.04503	.24487	1.87913	.18083	.06638	.18987	1.47965
20.373	.20516	1.46477	.14682	.05167	.37238	1.86179	.19504	.08130	.30736	1.51165
24.599	.31194	1.56476	.15520	.05243	.44859	1.68496	.22113	.09429	.39322	1.44236
28.490	.40949	1.64954	.17835	.06394	.50164	1.59358	.23342	.10425	.47089	1.35029

TABLE 146.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 70

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.847	-.01967	-.04393	.00075	.00225	-.00562	.00501	-.00562	-.00208	-.01417	-.01158
.117	-.00322	-.05970	.00537	.00318	.00014	-.04670	.00910	.00150	-.00961	-.05226
4.205	-.00007	-.08147	.00547	.00340	.00084	-.08171	.01494	.00234	-.00601	-.06561
8.387	.03151	-.13965	.00609	.00352	.02882	-.15873	.01649	.00256	.01704	-.15572
12.375	.05620	-.10253	.00621	.00356	.04794	-.20818	.01717	.00253	.04393	-.17339
14.405	.05314	-.16838	.00869	.00257	.04965	-.22530	.01721	.00266	.04863	-.17785
16.463	.05763	-.18020	.00907	.00269	.04717	-.25048	.01761	.00259	.04829	-.18811
20.373	.05529	-.19634	.00987	.00223	.02592	-.26887	.02120	.00241	.03802	-.18412
24.599	.04514	-.21327	.00993	.00225	-.00794	-.22128	.02567	.00180	.01978	-.18294
28.490	.01947	-.23255	.01208	.00171	-.04802	-.20230	.02746	.00185	-.00571	-.15055

TABLE 147.- PITCHING-MOMENT COEFFICIENT FOR RUN 70

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.847	.00971	-.10320	-.00509	-.00076	.01010	.00335	-.00205	-.00032	.01158	.04670
.117	.00666	-.24397	-.00654	-.00107	.00858	-.19526	-.01361	-.00251	.00928	-.10251
4.205	.00215	-.33978	-.00687	-.00113	.00446	-.34039	-.01545	-.00285	.00711	-.25629
8.387	.00036	-.40375	-.00709	-.00122	.00161	-.43284	-.01647	-.00312	.00351	-.33174
12.375	-.00531	-.44914	-.00715	-.00125	-.00723	-.51371	-.01754	-.00335	-.00476	-.45263
14.405	-.00596	-.44420	-.00901	-.00176	-.01150	-.53612	-.01741	-.00348	-.00918	-.48962
16.463	-.00886	-.45577	-.00946	-.00184	-.01740	-.56795	-.01778	-.00355	-.01380	-.50949
20.373	-.01414	-.48090	-.01036	-.00209	-.02560	-.54330	-.01941	-.00444	-.02129	-.52917
24.599	-.02047	-.50812	-.01092	-.00217	-.02981	-.53210	-.02227	-.00503	-.02599	-.50389
28.490	-.02551	-.53603	-.01276	-.00275	-.03213	-.52474	-.02367	-.00565	-.02986	-.49129



TABLE 148.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 70 OF TEST 218

MACH	Q,KPA (PSF)	ALPHA,DEG	CL	CD	CPM	CRM	CYM	CSF
.204	2.89 (60.45)	-5.93	-.1314	.1444	-.2030	.0032	.0021	-.0078
.204	2.89 (60.38)	-3.85	.0073	.1172	-.1525	.0003	.0015	-.0024
.204	2.89 (60.36)	-1.80	.1960	.0927	-.1284	.0019	.0013	-.0027
.204	2.89 (60.37)	.12	.4442	.0768	-.1208	.0033	.0016	-.0004
.204	2.89 (60.43)	2.21	.7157	.0716	-.1320	.0031	.0015	-.0013
.204	2.89 (60.27)	4.21	.9492	.0800	-.1054	.0024	.0020	.0009
.204	2.88 (60.24)	6.38	1.1774	.0915	-.0895	.0015	.0016	.0013
.203	2.88 (60.15)	8.39	1.3853	.1109	-.0709	.0019	.0019	.0033
.203	2.88 (60.18)	10.33	1.5725	.1305	-.0491	.0019	.0021	.0024
.204	2.89 (60.30)	12.38	1.7649	.1606	-.0079	.0036	.0040	.0042
.204	2.90 (60.50)	13.46	1.7870	.1903	-.0325	-.0018	.0027	.0088
.204	2.89 (60.41)	14.40	1.8650	.2075	-.0118	-.0014	.0034	.0129
.204	2.89 (60.29)	15.49	1.9240	.2260	.0079	-.0027	.0032	.0119
.204	2.89 (60.31)	16.46	1.9978	.2486	.0285	-.0034	.0041	.0142
.204	2.89 (60.27)	17.35	1.9878	.2838	-.0168	.0022	.0046	.0021
.204	2.89 (60.28)	18.50	2.0466	.3129	.0078	-.0007	.0027	.0026
.204	2.90 (60.50)	20.37	2.0952	.3764	.0669	-.0113	-.0025	.0122
.204	2.90 (60.56)	22.52	2.1411	.4423	.1118	-.0169	-.0053	.0097
.204	2.89 (60.37)	24.60	2.1542	.5193	.1737	-.0152	-.0054	.0108
.204	2.89 (60.45)	26.55	2.1175	.5880	.2180	-.0100	-.0029	.0056
.204	2.89 (60.42)	28.49	2.1472	.6609	.2582	-.0068	-.0001	.0047

TABLE 149.- TABULATED PRESSURE DATA FOR RUN 58 AT ALPHA = -3.943 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.5464	128B	-.5899	214A	-.5026	255C	.2030	313A	-.5148	327E	-.3436
113A	-.5491	129B	-.7964	213A	-.5001	254C	.2604	312A	-.5160	328E	-.2873
112A	-.5956	157C	.1701	212A	-.5014	253C	.1319	311A	-.5099	329E	-.2042
111A	-.5518	156C	.2932	211A	-.4989	252C	.0006	310A	-.5327	330E	-.1613
110A	-.5669	155C	.4108	210A	-.5242	251C	-.1498	309A	-.5327		
109A	-.6437	154C	.4518	209A	-.5156	243C	-.5054	308A	-.5242		
108A	-.5327	153C	.4792	208A	-.5071	244C	-.3309	301A	-.5242		
101A	.2102	152C	-.0787	201A	-.3449	245C	-.5274	302A	-.2168		
102A	.7396	144C	-.1635	202A	.4663	246C	-.7228	303A	.6627		
103A	.5944	145C	-.6792	203A	.7652	247C	-.5937	304A	.7310		
104A	.4066	146C	-1.1883	204A	.7310	248C	-.5464	305A	.6371		
105A	.1760	147C	-1.1291	206A	.4236	249C	-.4046	307A	.1248		
106A	.0308	148C	-.9103	207A	.0223	250C	-.2762	345E	-.0965		
107A	-.1229	149C	-.6870	242B	-.0295	264D	.1127	344E	-.1442		
142B	.1209	150C	-.4906	241B	-.0514	263D	.2877	343E	-.1271		
141B	.2850	151C	-.3722	240B	-.0897	262D	.3589	342E	-.2066		
140B	.2276	166D	.0881	239B	-.2811	261D	.3124	341E	-.2360		
139B	.2139	165D	.3889	238B	-.3221	256D	-.0864	340E	-.2604		
138B	.1619	164D	.4546	237B	-.4696	257D	-.3320	339E	-.2543		
137B	.3151	158D	.1324	236B	-.5417	258D	-.2896	338E	-.3729		
136B	-.0897	159D	.2273	235B	-.5564	259D	-.1467	337E	-.4402		
135B	-.2264	160D	-.5464	234B	-.5258	260D	-.0373	336E	-.5038		
134B	-.3850	161D	-.1623	233B	-.5197			335E	-.5209		
133B	-.4972	162D	-.1367	232B	-.5209			334E	-.5393		
132B	-.5300			231B	-.5209			333E	-.5307		
131B	-.5163			230B	-.5185			332E	-.5344		
130B	-.6257			215B	-.5050			331E	-.5393		
115B	-.7597			216B	-.5327			314E	-.5344		
116B	-.6523			217B	-.2766			315E	-.5413		
117B	.6456			218B	-.2766			316E	-.5839		
118B	-.2766			219B	-.5925			317E	-.0802		
119B	-.7547			220B	-.6864			318E	-.3876		
120B	-.7803			222B	-.4604			319E	-.3961		
121B	-.5665			223B	-.4839			320E	-.3705		
122B	-.5207			224B	-.4973			321E	-.3460		
123B	-.5274			225B	-.4883			322E	-.3632		
124B	-.5196			226B	-.6312			323E	-.3619		
125B	-.5319			227B	-.5877			324E	-.3546		
126B	-.5631			228B	-.6268			325E	-.3827		
127B	-.5508			229B	-.6602			326E	-.3766		

TABLE 150 .- TABULATED PRESSURE DATA FOR RUN 58 AT ALPHA = .245 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.2916	128B	-.6799	214A	-.3749	255C	.3210	313A	-.3847	327E	-.2698
113A	-.2861	129B	-.8228	213A	-.3554	254C	.4522	312A	-.4031	328E	-.1744
112A	-.3354	157C	.1788	212A	-.3639	253C	.4741	311A	-.4153	329E	-.1255
111A	-.2899	156C	.3045	211A	-.3505	252C	.4796	310A	-.5493	330E	-.0949
110A	-.3188	155C	.4823	210A	-.4298	251C	.5479	309A	-.5237		
109A	-.3274	154C	.5425	209A	-.4469	243C	.3866	308A	-.5237		
108A	.0825	153C	.6026	208A	-.5579	244C	.0915	301A	-.6347		
101A	.6460	152C	-.0701	201A	-.3615	245C	-.4131	302A	.2020		
102A	.6033	144C	.0885	202A	.6972	246C	-.9098	303A	.7570		
103A	.2020	145C	-.6542	203A	.6887	247C	-.8440	304A	.6033		
104A	-.1737	146C	-1.2425	204A	.5179	248C	-.6810	305A	.4496		
105A	-.2847	147C	-1.1978	206A	.1166	249C	-.5002	307A	-.1054		
106A	-.3359	148C	-.9400	207A	-.2847	250C	-.3562	345E	.1779		
107A	-.3274	149C	-.7134	242B	.4960	264D	.0612	344E	.1962		
142B	.4768	150C	-.5002	241B	.3866	263D	.4003	343E	.1950		
141B	.4030	151C	-.3751	240B	.3100	262D	.4632	342E	.1717		
140B	.3756	166D	.0694	239B	.2991	261D	.4549	341E	.1216		
139B	.3674	165D	.4167	238B	.2635	256D	.4431	340E	.0690		
138B	.3319	164D	.4878	237B	.1962	257D	-.4790	339E	-.0863		
137B	.2745	158D	.2612	236B	.2060	258D	-.5158	338E	-.0105		
136B	.0885	159D	.2511	235B	.2121	259D	-.3428	337E	.0250		
135B	.0475	160D	-.6096	234B	.0751	260D	-.1407	336E	.0103		
134B	.0830	161D	-.1709	233B	-.4300			335E	-.1878		
133B	.0037	162D	-.1541	232B	-.5166			334E	-.5217		
132B	-.3217			231B	-.5119			333E	-.6122		
131B	-.3791			230B	-.6807			332E	-.6110		
130B	-.3381			215B	-.7064			331E	-.6856		
115B	-.3108			216B	-.7713			314E	-.7370		
116B	-.3017			217B	-1.0360			315E	-.7372		
117B	-.3444			218B	-1.2068			316E	-.7628		
118B	-.8055			219B	-1.2751			317E	-.8994		
119B	-1.2751			220B	-1.4373			318E	-.8994		
120B	-1.3776			222B	-.8451			319E	-.9848		
121B	-.9657			223B	-.7870			320E	-.7457		
122B	-.7893			224B	-.7469			321E	-.6293		
123B	-.7201			225B	-.7044			322E	-.5547		
124B	-.6966			226B	-.7926			323E	-.5095		
125B	-.6844			227B	-.7413			324E	-.4385		
126B	-.6643			228B	-.7603			325E	-.4080		
127B	-.6587			229B	-.7759			326E	-.3505		

TABLE 151.- TABULATED PRESSURE DATA FOR RUN 58 AT ALPHA = 4.259 DEGREES AND QINF = 2.89 KN/SQM ( 60.32 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.0792	128B	-.7126	214A	-.4434	255C	.3670	313A	-.4789	327E	-.3002
113A	-.1339	129B	-.8087	213A	-.5781	254C	.5367	312A	-.6173	328E	-.2439
112A	-.2188	157C	.2191	212A	-.5891	253C	.5668	311A	-.5879	329E	-.2268
111A	-.1476	156C	.3396	211A	-.5438	252C	.6188	310A	-.6703	330E	-.2047
110A	-.1576	155C	.5394	210A	-.6959	251C	.6680	309A	-.6959		
109A	.1330	154C	.6160	209A	-.7814	243C	.6325	308A	-.9011		
108A	.5432	153C	.7091	208A	-.4310	244C	.1310	301A	-.7045		
101A	.6885	152C	-.0299	201A	-.1661	245C	-.4333	302A	.5774		
102A	.0561	144C	.2219	202A	.7483	246C	-1.0199	303A	.7398		
103A	-.4994	145C	-.6612	203A	.4492	247C	-.9238	304A	.3979		
104A	-.7985	146C	-1.2634	204A	.2014	248C	-.7327	305A	.2185		
105A	-.7558	147C	-1.2132	206A	-.2003	249C	-.5283	307A	-.4139		
106A	-.6789	148C	-.9081	207A	-.6532	250C	-.3830	345E	.2005		
107A	-.5592	149C	-.6757	242B	.6352	264D	.0522	344E	.2421		
142B	.5421	150C	-.4757	241B	.4299	263D	.4628	343E	.2433		
141B	.4573	151C	-.3540	240B	.3916	262D	.5394	342E	.2274		
140B	.4491	166D	.0440	239B	.3752	261D	.5175	341E	.1747		
139B	.4545	165D	.4436	236B	.3149	256D	.6025	340E	.1135		
138B	.4135	164D	.5257	237B	.2029	257D	-.5439	339E	-.1484		
137B	.3423	158D	.3276	236B	.2115	258D	-.6109	338E	-.0236		
136B	.1562	159D	.2785	235B	.2604	259D	-.4199	337E	-.0003		
135B	.1398	160D	-.6188	234B	.3743	260D	-.1841	336E	.1037		
134B	.2000	161D	-.1674	233B	.5628			335E	.2580		
133B	.4491	162D	-.1618	232B	.7513			334E	.4783		
132B	.4628			231B	-.0554			333E	.6938		
131B	-.1558			230B	-2.1646			332E	-.2916		
130B	-.5691			215B	-2.3996			331E	-1.5048		
115B	-.3940			216B	-1.7984			314E	-2.3984		
116B	-.3114			217B	-1.7984			315E	-1.4993		
117B	-.7045			218B	-1.9949			316E	-1.3967		
118B	-1.4651			219B	-1.8838			317E	-1.5078		
119B	-1.8838			220B	-2.2941			318E	-1.4224		
120B	-1.7813			222B	-1.1137			319E	-1.5847		
121B	-1.2925			223B	-1.0120			320E	-.9951		
122B	-1.0422			224B	-.9472			321E	-.8278		
123B	-.9148			225B	-.8690			322E	-.7115		
124B	-.8489			226B	-.9517			323E	-.6234		
125B	-.7908			227B	-.8478			324E	-.5071		
126B	-.7350			228B	-.8400			325E	-.4385		
127B	-.7126			229B	-.8400			326E	-.3602		

TABLE 152 .- TABULATED PRESSURE DATA FOR RUN 58 AT ALPHA = 8.297 DEGREES AND QINF = 2.89 KN/SQM ( 60.35 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.0868	128B	-.7284	* 214A	-.4206	255C	.3810	* 313A	-.5405	327E	-.3313
* 113A	-.1032	129B	-.8211	* 213A	-.5197	254C	.5478	* 312A	-.5295	328E	-.2885
* 112A	-.2181	157C	.2278	* 212A	-.5112	253C	.5752	* 311A	-.4940	329E	-.2738
* 111A	-.1251	156C	.3481	* 211A	-.4940	252C	.6299	* 310A	-.4217	330E	-.2506
* 110A	.1164	155C	.5451	* 210A	-.3192	251C	.6655	* 309A	-.4132		
* 109A	.4837	154C	.6244	* 209A	-.2509	243C	.6436	* 308A	-.2850		
* 108A	.7058	153C	.7092	* 208A	.3812	244C	.1549	* 301A	.2018		
* 101A	.2616	152C	-.0020	* 201A	.2872	245C	-.4347	* 302A	.7228		
* 102A	-.9854	144C	.2524	* 202A	.2360	246C	-1.0456	* 303A	.1677		
* 103A	-1.5833	145C	-.6592	* 203A	-.3534	247C	-.9149	* 304A	-.2338		
* 104A	-1.7627	146C	-1.2912	* 204A	-.4900	248C	-.7139	* 305A	-.3619		
* 105A	-1.4552	147C	-1.2533	* 206A	-.7719	249C	-.5017	* 307A	-.9598		
* 106A	-1.2929	148C	-.9317	* 207A	-1.1648	250C	-.3655	* 345E	.1740		
* 107A	-.7890	149C	-.6882	* 242B	.6792	264D	.0500	* 344E	.2278		
* 142B	.5807	150C	-.4783	* 241B	.4658	263D	.4767	* 343E	.2290		
* 141B	.4740	151C	-.3487	* 240B	.4193	262D	.5478	* 342E	.2156		
* 140B	.4795	166D	.0746	* 239B	.4083	261D	.5396	* 341E	.1654		
* 139B	.4795	165D	.4603	* 238B	.3564	256D	.5982	* 340E	.1116		
* 138B	.4494	164D	.5451	* 237B	.2941	257D	-.5107	* 339E	-.1294		
* 137B	.3755	158D	.3336	* 236B	.2975	258D	-.5743	* 338E	.0296		
* 136B	.2360	159D	.3056	* 235B	.3612	259D	-.3856	* 337E	.0712		
* 135B	.2387	160D	-.6100	* 234B	.4688	260D	-.1835	* 336E	.1813		
* 134B	.3126	161D	-.1176	* 233B	.6156			* 335E	.3269		
* 133B	.4713	162D	-.1410	* 232B	.7784			* 334E	.4921		
* 132B	.7120			* 231B	.4933			* 333E	.7368		
* 131B	.7010			* 230B	-1.6490			* 332E	.5838		
* 130B	-.2892			* 215B	-3.9319			* 331E	-.4940		
* 115B	-.9130			* 216B	-2.5314			* 314E	-3.4022		
* 116B	-.5242			* 217B	-3.3001			* 315E	-2.6424		
* 117B	-1.4552			* 218B	-3.1805			* 316E	-2.5058		
* 118B	-2.4289			* 219B	-2.6937			* 317E	-2.4631		
* 119B	-2.6253			* 220B	-3.1891			* 318E	-2.1470		
* 120B	-2.4118			* 222B	-1.4107			* 319E	-2.3520		
* 121B	-1.6497			* 223B	-1.2521			* 320E	-1.3954		
* 122B	-1.2644			* 224B	-1.1472			* 321E	-1.0691		
* 123B	-1.0869			* 225B	-1.0199			* 322E	-.9112		
* 124B	-.9674			* 226B	-1.0523			* 323E	-.7889		
* 125B	-.8747			* 227B	-.9372			* 324E	-.6200		
* 126B	-.7854			* 228B	-.9049			* 325E	-.5271		
* 127B	-.7429			* 229B	-.8658			* 326E	-.4182		

TABLE 153. - TABULATED PRESSURE DATA FOR RUN 58 AT ALPHA = 12.390 DEGREES AND QINF = 2.89 KN/SQM ( 60.45 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.2781	128B	-.7325	214A	-.0618	255C	.4010	313A	-.3220	327E	-.4368
113A	.0978	129B	-.8027	213A	-.3012	254C	.5594	312A	-.3476	328E	-.4197
112A	.0159	157C	.2398	212A	-.3061	253C	.6004	311A	-.2939	329E	-.3953
111A	.0978	156C	.3600	211A	-.2939	252C	.6495	310A	-.0443	330E	-.3635
110A	.4759	155C	.5485	210A	.1177	251C	.6960	309A	.1092		
109A	.7061	154C	.6204	209A	.3991	243C	.6659	308A	.4503		
108A	.4674	153C	.7096	208A	.7658	244C	.1918	301A	.7147		
101A	-.7862	152C	.0159	201A	.3736	245C	-.4147	302A	.1774		
102A	-2.5003	144C	.2263	202A	-1.0676	246C	-1.0379	303A	-.8459		
103A	-2.9182	145C	-.6187	203A	-1.5111	247C	-.8807	304A	-1.0591		
104A	-2.8414	146C	-1.2654	204A	-1.3746	248C	-.6711	305A	-1.0250		
105A	-2.1421	147C	-1.2085	206A	-1.4599	249C	-.4771	307A	-1.5281		
106A	-1.7243	148C	-.8908	207A	-1.8010	250C	-.3433	345E	.1386		
107A	-1.1870	149C	-.6399	242B	.7315	264D	.0432	344E	.2021		
142B	.5976	150C	-.4504	241B	.5184	263D	.4747	343E	.2045		
141B	.4966	151C	-.3289	240B	.4638	262D	.5512	342E	.1960		
140B	.4966	166D	.0369	239B	.4556	261D	.5567	341E	.1557		
139B	.4993	165D	.4693	238B	.4310	256D	.5865	340E	.1141		
138B	.4693	164D	.5539	237B	.3682	257D	-.4827	339E	-.0996		
137B	.4201	158D	.3401	236B	.3890	258D	-.5507	338E	.0677		
136B	.3054	159D	.3368	235B	.4574	259D	-.3623	337E	.1361		
135B	.3327	160D	-.5842	234B	.5636	260D	-.1906	336E	.2583		
134B	.4092	161D	-.0947	233B	.6895			335E	.4036		
133B	.5539	162D	-.1349	232B	.7786			334E	.5563		
132B	.7069			231B	.5026			333E	.7298		
131B	.7124			230B	-1.4152			332E	.6015		
130B	.2180			215B	-3.7935			331E	-.2609		
115B	-.6287			216B	-3.3446			314E	-3.5944		
116B	-.4366			217B	-4.4702			315E	-3.2763		
117B	-2.0057			218B	-4.1973			316E	-3.3701		
116B	-3.0717			219B	-3.4334			317E	-3.2593		
119B	-3.3190			220B	-3.9500			318E	-2.7306		
120B	-2.8841			222B	-1.6091			319E	-2.8670		
121B	-1.9288			223B	-1.4594			320E	-1.6561		
122B	-1.4382			224B	-1.3000			321E	-1.2699		
123B	-1.1974			225B	-1.1294			322E	-1.0512		
124B	-1.0368			226B	-1.1238			323E	-.8839		
125B	-.9131			227B	-.9800			324E	-.6676		
126B	-.7982			228B	-.9253			325E	-.5846		
127B	-.7414			229B	-.8573			326E	-.4930		

TABLE 154 .- TABULATED PRESSURE DATA FOR RUN 58 AT ALPHA = 14.417 DEGREES AND QINF = 2.89 KN/SQM ( 60.28 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
114A	.3332	128B	-.6751	214A	.0843	255C	.4099	313A	-.2060	327E	-.6715	
113A	.1744	129B	-.7544	213A	-.2329	254C	.5688	312A	-.2268	328E	-.5661	
112A	.0949	157C	.1799	212A	-.2746	253C	.5989	311A	-.1962	329E	-.5220	
111A	.1634	156C	.3031	211A	-.1998	252C	.6510	310A	.1235	330E	-.4779	
110A	.5254	155C	.5277	210A	.2774	251C	.6921	309A	.3373			
109A	.6964	154C	.6099	209A	.5425	243C	.6647	308A	.6537			
108A	.3800	153C	.6975	206A	.7392	244C	.1993	301A	.7477			
101A	-.9983	152C	.0320	201A	.4484	245C	-.3877	302A	-.3212			
102A	-2.7585	144C	.3305	202A	-1.6040	246C	-1.0038	303A	-1.3560			
103A	-3.0749	145C	-.5599	203A	-2.0316	247C	-.8417	304A	-1.5099			
104A	-2.8954	146C	-1.1894	204A	-1.8435	248C	-.6382	305A	-1.3218			
105A	-2.0060	147C	-1.1156	206A	-1.6211	249C	-.4582	307A	-1.7237			
106A	-1.6639	148C	-.8484	207A	-2.0744	250C	-.3419	345E	.1015			
107A	-1.1593	149C	-.6549	242B	.7277	264D	.0484	344E	.1713			
142B	.5934	150C	-.5275	241B	.5195	263D	.4966	343E	.1774			
141B	.4921	151C	-.4414	240B	.4675	262D	.5606	342E	.1774			
140B	.4948	166D	-.0667	239B	.4702	261D	.5661	341E	.1456			
139B	.4921	165D	.4099	238B	.4510	256D	.5783	340E	.1076			
138B	.4647	164D	.5085	237B	.3955	257D	-.4839	339E	-.1055			
137B	.4455	158D	.2775	236B	.4212	258D	-.5543	338E	.0843			
136B	.3113	159D	-.1048	235B	.4947	259D	-.3709	337E	.1652			
135B	.3415	160D	-.7958	234B	.5976	260D	-.2043	336E	.2938			
134B	.4346	161D	-.1563	233B	.7091			335E	.4420			
133B	.5852	162D	-.3553	232B	.7703			334E	.5890			
132B	.7030			231B	.4972			333E	.7299			
131B	.7112			230B	-1.3611			332E	.5988			
130B	.3141			215B	-3.7253			331E	-.2023			
115B	-.4501			216B	-3.6650			314E	-3.5648			
116B	-.3640			217B	-4.8110			315E	-3.5111			
117B	-1.8948			218B	-4.4432			316E	-3.7591			
118B	-2.8868			219B	-3.6308			317E	-3.5453			
119B	-3.0920			220B	-4.1097			318E	-2.9552			
120B	-2.6131			222B	-1.7361			319E	-2.9723			
121B	-1.7328			223B	-1.4857			320E	-1.6810			
122B	-1.2699			224B	-1.3213			321E	-1.2251			
123B	-1.0563			225B	-1.1324			322E	-1.0328			
124B	-.9322			226B	-1.1268			323E	-.9348			
125B	-.8349			227B	-.9680			324E	-.8307			
126B	-.7310			228B	-.8987			325E	-.8013			
127B	-.6985			229B	-.8215			326E	-.7180			
*****												

TABLE 155 .- TABULATED PRESSURE DATA FOR RUN 58 AT ALPHA = 16.390 DEGREES AND QINF = 2.89 KN/SQM ( 60.38 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5118	128B	-.6368	* 214A	.2788	255C	.4079	* 313A	-.0783	327E	-.8658
* 113A	.2711	129B	-.6937	* 213A	-.1627	254C	.5665	* 312A	-.1345	328E	-.7741
* 112A	.1454	157C	.1618	* 212A	-.2140	253C	.6047	* 311A	-.1113	329E	-.6714
* 111A	.2411	156C	.3067	* 211A	-.0966	252C	.6485	* 310A	.2527	330E	-.5992
* 110A	.5685	155C	.5254	* 210A	.4234	251C	.6922	* 309A	.4832		
* 109A	.6710	154C	.6157	* 209A	.6795	243C	.6977	* 308A	.7307		
* 108A	.1929	153C	.7086	* 208A	.6539	244C	.2461	* 301A	.6795		
* 101A	-1.3438	152C	-.0160	* 201A	.2527	245C	-.2886	* 302A	-.8657		
* 102A	-3.2732	144C	.3668	* 202A	-2.2316	246C	-.8779	* 303A	-1.9755		
* 103A	-3.5208	145C	-.5118	* 203A	-2.7012	247C	-.7038	* 304A	-1.8731		
* 104A	-3.2049	146C	-1.1257	* 204A	-2.2231	248C	-.5542	* 305A	-1.6170		
* 105A	-2.0780	147C	-1.0911	* 206A	-1.8133	249C	-.4281	* 307A	-1.8731		
* 106A	-1.7706	148C	-.7931	* 207A	-2.2487	250C	-.3466	* 345E	.0538		
* 107A	-1.1901	149C	-.6335	* 242B	.7414	264D	.0114	* 344E	.1369		
* 142B	.6102	150C	-.5352	* 241B	.5419	263D	.4790	* 343E	.1479		
* 141B	.5063	151C	-.4872	* 240B	.4762	262D	.5555	* 342E	.1626		
* 140B	.5090	166D	-.1363	* 239B	.4817	261D	.5637	* 341E	.1333		
* 139B	.5036	165D	.3969	* 238B	.4625	256D	.5776	* 340E	.1051		
* 138B	.4817	164D	.4981	* 237B	.4109	257D	-.4951	* 339E	-.0991		
* 137B	.4680	158D	.2516	* 236B	.4463	258D	-.5765	* 338E	.1076		
* 136B	.3313	159D	-.0519	* 235B	.5148	259D	-.3968	* 337E	.1993		
* 135B	.3778	160D	-.8210	* 234B	.6212	260D	-.2495	* 336E	.3216		
* 134B	.4762	161D	-.1636	* 233B	.7263			* 335E	.4708		
* 133B	.6211	162D	-.3901	* 232B	.7667			* 334E	.6053		
* 132B	.7223			* 231B	.4903			* 333E	.7374		
* 131B	.7141			* 230B	-1.2938			* 332E	.5979		
* 130B	.3504			* 215B	-3.7200			* 331E	-.1676		
* 115B	-.3359			* 216B	-3.8793			* 314E	-3.5182		
* 116B	-.2937			* 217B	-5.1513			* 315E	-3.6232		
* 117B	-1.9499			* 218B	-4.7074			* 316E	-3.9732		
* 118B	-2.9573			* 219B	-3.9476			* 317E	-3.7086		
* 119B	-3.0939			* 220B	-4.2720			* 318E	-3.1024		
* 120B	-2.5987			* 222B	-1.7150			* 319E	-2.9829		
* 121B	-1.7128			* 223B	-1.4594			* 320E	-1.6682		
* 122B	-1.2607			* 224B	-1.2663			* 321E	-1.1776		
* 123B	-1.0464			* 225B	-1.0755			* 322E	-1.0101		
* 124B	-.9237			* 226B	-1.0487			* 323E	-1.0016		
* 125B	-.7931			* 227B	-.8567			* 324E	-.9661		
* 126B	-.6647			* 228B	-.7841			* 325E	-.9551		
* 127B	-.6134			* 229B	-.7205			* 326E	-.9319		



TABLE 136.- TABULATED PRESSURE DATA FOR RUN 58 AT ALPHA = 20.526 DEGREES AND QINF = 2.90 KN/SQM ( 60.56 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.7276	128B	-.6462	* 214A	.5421	255C	.3323	* 313A	.1300	327E	-.9209
* 113A	.5940	129E	-.6907	* 213A	.0165	254C	.5259	* 312A	-.0065	328E	-.8636
* 112A	.1715	157C	.1333	* 212A	-.0760	253C	.5695	* 311A	.0471	329E	-.7612
* 111A	.3133	156C	.2778	* 211A	.0301	252C	.6295	* 310A	.4072	330E	-.7270
* 110A	.6710	155C	.5123	* 210A	.5178	251C	.6622	* 309A	.6370		
* 109A	.5944	154C	.5968	* 209A	.7221	243C	.7113	* 308A	.7391		
* 108A	-.3078	153C	.6813	* 208A	.3220	244C	.2374	* 301A	.3901		
* 101A	-2.4782	152C	.0352	* 201A	-.4270	245C	-.2823	* 302A	-2.1292		
* 102A	-4.5209	144C	.3814	* 202A	-3.5421	246C	-.8721	* 303A	-2.3250		
* 103A	-4.4273	145C	-.4926	* 203A	-3.4144	247C	-.7530	* 304A	-1.9079		
* 104A	-4.0698	146C	-1.0791	* 204A	-2.8357	248C	-.6406	* 305A	-1.6611		
* 105A	-2.5803	147C	-1.0824	* 206A	-2.1122	249C	-.5739	* 307A	-1.6271		
* 106A	-2.0782	148C	-.8098	* 207A	-2.3846	250C	-.5360	* 345E	-.0151		
* 107A	-1.4143	149C	-.6551	* 242B	.7467	264D	-.2074	* 344E	.0898		
* 142B	.3732	150C	-.5861	* 241B	.5422	263D	.4141	* 343E	.1276		
* 141B	.4905	151C	-.5271	* 240B	.4632	262D	.5068	* 342E	.1556		
* 140B	.4905	166D	-.1829	* 239B	.4632	261D	.5313	* 341E	.1227		
* 139B	.4877	165D	.3678	* 238B	.4441	256D	.5189	* 340E	.0898		
* 138B	.4686	164D	.4823	* 237B	.4068	257D	-.7374	* 339E	-.1211		
* 137B	.4659	158D	.2240	* 236B	.4604	258D	-.8064	* 338E	.1191		
* 136B	.3569	159D	.0170	* 235B	.5458	259D	-.6429	* 337E	.2166		
* 135B	.4114	160D	-.8988	* 234B	.6470	260D	-.4937	* 336E	.3604		
* 134B	.5150	161D	-.1555	* 233B	.7420			* 335E	.5080		
* 133B	.6540	162D	-.4659	* 232B	.7640			* 334E	.6335		
* 132B	.7658			* 231B	.5019			* 333E	.7250		
* 131B	.7222			* 230B	-1.0891			* 332E	.5762		
* 130B	.4005			* 215B	-3.5519			* 331E	-.0858		
* 115B	-.0575			* 216B	-4.0188			* 314E	-2.6314		
* 116B	-.2567			* 217B	-5.2614			* 315E	-3.3974		
* 117B	-2.2058			* 218B	-4.5635			* 316E	-4.2741		
* 118B	-3.2102			* 219B	-3.7804			* 317E	-3.4996		
* 119B	-3.2442			* 220B	-3.9251			* 318E	-2.9719		
* 120B	-2.7335			* 222B	-1.3027			* 319E	-1.4228		
* 121B	-1.7434			* 223B	-1.1681			* 320E	-1.0738		
* 122B	-1.2593			* 224B	-.9756			* 321E	-1.2147		
* 123B	-1.0156			* 225B	-.8409			* 322E	-1.0331		
* 124B	-.8254			* 226B	-.7742			* 323E	-1.0087		
* 125B	-.7063			* 227B	-.6952			* 324E	-.9892		
* 126B	-.6195			* 228B	-.6851			* 325E	-.9916		
* 127B	-.6251			* 229B	-.6785			* 326E	-.9697		

TABLE 137 .- TABULATED PRESSURE DATA FOR RUN 58 AT ALPHA = 24.513 DEGREES AND QINF = 2.91 KN/SQM ( 60.69 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.7133	128B	-.7639	* 214A	.5454	255C	.2916	* 313A	.2814	327E	-.7964
* 113A	.7241	129B	-.7550	* 213A	.1415	254C	.4984	* 312A	.1014	328E	-.7624
* 112A	.2318	157C	.0387	* 212A	.0928	253C	.5500	* 311A	.1622	329E	-.7709
* 111A	.3868	156C	.2100	* 211A	.1744	252C	.6153	* 310A	.4835	330E	-.7076
* 110A	.7468	155C	.4739	* 210A	.6024	251C	.6398	* 309A	.6619		
* 109A	.5005	154C	.5691	* 209A	.7383	243C	.6915	* 308A	.6449		
* 108A	-.6545	153C	.6589	* 208A	.1693	244C	.2343	* 301A	.1183		
* 101A	-3.0325	152C	.0142	* 201A	-.6715	245C	-.2898	* 302A	-2.6504		
* 102A	-5.0029	144C	.3977	* 202A	-3.4572	246C	-.9016	* 303A	-3.5421		
* 103A	-4.6462	145C	-.5019	* 203A	-3.2364	247C	-.8050	* 304A	-2.8202		
* 104A	-4.2216	146C	-1.1592	* 204A	-2.6843	248C	-.7262	* 305A	-2.1493		
* 105A	-2.4890	147C	-1.1381	* 206A	-1.7501	249C	-.6906	* 307A	-2.1323		
* 106A	-2.3616	148C	-.9194	* 207A	-1.8945	250C	-.6662	* 345E	.0272		
* 107A	-2.2597	149C	-.8128	* 242B	.7133	264D	-.3150	* 344E	.1196		
* 142B	.6126	150C	-.7772	* 241B	.5228	263D	.3814	* 343E	.1342		
* 141B	.4875	151C	-.7572	* 240B	.4440	262D	.4793	* 342E	.1537		
* 140B	.4929	166D	-.3666	* 239B	.4440	261D	.5147	* 341E	.1293		
* 139B	.4929	165D	.3161	* 238B	.4222	256D	.4864	* 340E	.1062		
* 138B	.4793	164D	.4440	* 237B	.3994	257D	-.9027	* 339E	-.1067		
* 137B	.4820	158D	.1122	* 236B	.4566	258D	-.9938	* 338E	.1403		
* 136B	.3814	159D	.0511	* 235B	.5442	259D	-.7295	* 337E	.2352		
* 135B	.4467	160D	-1.1714	* 234B	.6439	260D	-.6062	* 336E	.3763		
* 134B	.5609	161D	-.2298	* 233B	.7364			* 335E	.5174		
* 133B	.6888	162D	-.6928	* 232B	.7522			* 334E	.6379		
* 132B	.7704			* 231B	.5503			* 333E	.7145		
* 131B	.7486			* 230B	-.7490			* 332E	.5807		
* 130B	.4222			* 215B	-2.6918			* 331E	-.0434		
* 115B	-.0103			* 216B	-3.0495			* 314E	-3.0044		
* 116B	-.3063			* 217B	-3.9328			* 315E	-3.3977		
* 117B	-2.3871			* 218B	-3.3553			* 316E	-3.8479		
* 118B	-2.8202			* 219B	-2.1493			* 317E	-3.3723		
* 119B	-2.9816			* 220B	-1.7756			* 318E	-2.5909		
* 120B	-2.1408			* 222B	-.8505			* 319E	-2.1153		
* 121B	-1.2902			* 223B	-.8450			* 320E	-1.3425		
* 122B	-.8905			* 224B	-.8139			* 321E	-1.1723		
* 123B	-.7439			* 225B	-.7617			* 322E	-1.0653		
* 124B	-.7106			* 226B	-.7739			* 323E	-.9813		
* 125B	-.7073			* 227B	-.7472			* 324E	-.8901		
* 126B	-.7273			* 228B	-.7206			* 325E	-.8646		
* 127B	-.7617			* 229B	-.6940			* 326E	-.8378		

TABLE 158 .- TABULATED PRESSURE DATA FOR RUN 58 AT ALPHA = 28.610 DEGREES AND QINF = 2.90 KN/SQM ( 60.53 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
114A	.7304	128B	-.6584	214A	.5821	255C	.2804	313A	.4150	327E	-.9048	
113A	.7468	129B	-.6484	213A	.3503	254C	.4904	312A	.3027	328E	-.8951	
112A	.2477	157C	.0786	212A	.1844	253C	.5477	311A	.3235	329E	-.8987	
111A	.4877	156C	.2395	211A	.2442	252C	.5968	310A	.6598	330E	-.8304	
110A	.7876	155C	.4795	210A	.7024	251C	.6295	309A	.7535			
109A	.5173	154C	.5804	209A	.6939	243C	.6704	308A	.4725			
108A	-.2088	153C	.6732	208A	-.4046	244C	.2044	301A	-.5068			
101A	-1.5457	152C	-.1096	201A	-1.6905	245C	-.3645	302A	-4.1771			
102A	-1.6394	144C	.4632	202A	-4.8839	246C	-1.0025	303A	-4.4751			
103A	-1.6735	145C	-.4057	203A	-4.3048	247C	-.9212	304A	-3.6917			
104A	-1.4946	146C	-1.0114	204A	-3.1126	248C	-.8232	305A	-2.2696			
105A	-1.4946	147C	-.9824	206A	-2.1333	249C	-.7865	307A	-2.1929			
106A	-1.5457	148C	-.7976	207A	-2.2440	250C	-.7486	345E	.0015			
107A	-1.4435	149C	-.7119	242B	.6950	264D	-.3605	344E	.1027			
142B	.6186	150C	-.6818	241B	.5859	263D	.3704	343E	.1295			
141B	.5068	151C	-.7208	240B	.4632	262D	.4686	342E	.1454			
140B	.5150	166D	-.3578	239B	.4632	261D	.5150	341E	.1259			
139B	.5068	165D	.3159	238B	.4550	256D	.4293	340E	.1076			
138B	.4904	164D	.4522	237B	.4345	257D	-.9601	339E	-.1095			
137B	.4932	158D	.1276	236B	.4991	258D	-1.0926	338E	.1661			
136B	.4113	159D	.0920	235B	.5809	259D	-.8766	337E	.2735			
135B	.4932	160D	-1.1182	234B	.6675	260D	-.7297	336E	.4150			
134B	.6050	161D	-.2754	233B	.7406			335E	.5516			
133B	.7195	162D	-.6729	232B	.7321			334E	.6516			
132B	.7932			231B	.5308			333E	.6992			
131B	.7768			230B	-.6694			332E	.5735			
130B	.4550			215B	-2.7199			331E	.0576			
115B	-.0114			216B	-3.4021			314E	-2.6174			
116B	-.3706			217B	-4.1515			315E	-3.2233			
117B	-2.0652			218B	-3.5895			316E	-3.6065			
118B	-1.9374			219B	-2.3717			317E	-3.0956			
119B	-1.4435			220B	-2.0226			318E	-2.1418			
120B	-1.0774			222B	-1.0236			319E	-1.6649			
121B	-.8566			223B	-.9846			320E	-1.2221			
122B	-.6696			224B	-.9112			321E	-1.1915			
123B	-.6139			225B	-.8310			322E	-1.1293			
124B	-.5972			226B	-.8199			323E	-1.0683			
125B	-.6039			227B	-.7887			324E	-.9731			
126B	-.6562			228B	-.7820			325E	-.9768			
127B	-.6529			229B	-.7987			326E	-.9305			
*****												

TABLE 159.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 58

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.943	-.10431	.35788	.16499	.04576	-.14169	.10896	.12680	.04941	-.13255	-.02408
.245	-.03000	.77844	.18011	.05077	-.10142	.80026	.21044	.07727	-.10991	.38394
4.259	.04970	1.08959	.18772	.05335	-.09070	1.27373	.23953	.09098	-.11303	.77240
8.297	.15370	1.36600	.19126	.05306	.01078	1.64432	.23927	.09023	-.03821	1.08117
12.390	.29431	1.55530	.18687	.05255	.16986	1.95252	.23782	.08947	.08951	1.30637
14.417	.30485	1.45921	.18464	.06654	.22876	2.01703	.23312	.09173	.15477	1.44230
16.390	.34649	1.45914	.18163	.06606	.29369	2.03713	.21745	.09433	.21696	1.55092
20.526	.44872	1.46068	.18242	.06805	.39151	1.84835	.22475	.11274	.26214	1.46082
24.513	.47709	1.36819	.19807	.07791	.37076	1.42095	.23401	.12309	.36633	1.44280
28.610	.25860	1.14737	.18202	.07647	.46252	1.54467	.25079	.13470	.45651	1.45427

TABLE 160.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 58

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.943	.00748	-.02429	-.00526	.00104	-.00473	-.00511	-.00274	-.00354	-.01263	-.01874
.245	.02746	-.02246	-.00359	.00144	-.00218	-.05755	.01452	-.00194	-.01014	-.06347
4.259	.04204	-.03355	-.00345	.00172	.01082	-.11206	.01802	-.00166	-.00490	-.10921
8.297	.04636	-.06918	-.00336	.00176	.03815	-.18037	.01761	-.00145	.02559	-.16707
12.390	.02260	-.05358	-.00324	.00192	.04719	-.22702	.01752	-.00128	.04797	-.20466
14.417	.01196	-.07501	-.00061	-.00033	.04668	-.24255	.01744	-.00125	.05062	-.20896
16.390	-.00108	-.07661	.00032	-.00020	.03970	-.26276	.01842	-.00113	.04870	-.20598
20.526	-.03154	-.08407	.00167	-.00003	.01630	-.26813	.02313	-.00209	.03085	-.17685
24.513	-.04650	-.07270	.00478	-.00032	.00087	-.17885	.02620	-.00319	.02554	-.17975
28.610	-.00984	-.04233	.00501	.00009	-.03183	-.19135	.02760	-.00316	-.00017	-.15019

TABLE 161 .- PITCHING-MOMENT COEFFICIENT FOR RUN 58

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.943	.00581	-.22071	-.01127	-.00192	.00989	-.08289	-.01329	-.00235	.00984	-.01863
.245	.00087	-.35647	-.01219	-.00208	.00634	-.35747	-.02042	-.00365	.00736	-.18181
4.259	-.00401	-.44088	-.01260	-.00216	.00483	-.46894	-.02296	-.00433	.00672	-.26215
8.297	-.00990	-.50600	-.01278	-.00217	-.00186	-.55664	-.02285	-.00434	.00124	-.32566
12.390	-.01770	-.55092	-.01247	-.00218	-.01256	-.63162	-.02265	-.00434	-.00746	-.38665
14.417	-.01800	-.51873	-.01260	-.00276	-.01636	-.64266	-.02227	-.00450	-.01165	-.45163
16.390	-.02037	-.51240	-.01256	-.00276	-.02052	-.62929	-.02101	-.00468	-.01563	-.51182
20.526	-.02608	-.49435	-.01269	-.00293	-.02682	-.55211	-.02221	-.00564	-.01773	-.50643
24.513	-.02763	-.49444	-.01412	-.00347	-.02466	-.47717	-.02348	-.00611	-.02461	-.48797
28.610	-.01663	-.44438	-.01324	-.00339	-.02996	-.51606	-.02524	-.00682	-.02900	-.52430

TABLE 162.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 58 OF TEST 218

MACH	Q,KPA (PSF)	ALPHA,DEG	CL	CD	CPM	CRM	CYM	CSF
.203	2.88 (60.21)	-5.88	.0568	.1359	-.2516	.0023	.0020	-.0082
.203	2.89 (60.32)	-3.94	.2713	.1146	-.2383	.0024	.0013	-.0051
.204	2.90 (60.54)	-1.77	.6007	.0989	-.2718	.0029	.0011	.0009
.203	2.89 (60.32)	.25	.9045	.0974	-.2997	.0019	.0017	-.0026
.203	2.89 (60.30)	2.25	1.1407	.1089	-.2861	-.0018	.0024	-.0054
.204	2.89 (60.27)	4.26	1.3706	.1254	-.2581	.0002	.0026	.0002
.203	2.89 (60.40)	6.25	1.5843	.1440	-.2382	.0003	.0025	.0039
.203	2.89 (60.30)	8.30	1.7884	.1700	-.2162	-.0014	.0015	.0037
.203	2.88 (60.18)	10.34	1.9714	.2019	-.1827	-.0030	.0010	.0041
.203	2.89 (60.40)	12.39	2.1577	.2335	-.1510	-.0036	.0012	.0046
.203	2.89 (60.32)	13.40	2.1712	.2576	-.1523	-.0097	-.0018	.0162
.203	2.88 (60.23)	14.42	2.2294	.2832	-.1323	-.0119	-.0007	.0199
.203	2.89 (60.37)	15.47	2.2586	.3052	-.1192	-.0123	.0002	.0188
.203	2.89 (60.33)	16.39	2.2493	.3337	-.1073	-.0099	.0018	.0144
.203	2.88 (60.22)	17.40	2.2389	.3590	-.0866	-.0142	-.0007	.0105
.203	2.89 (60.28)	18.47	2.2420	.3921	-.0660	-.0129	-.0015	.0117
.204	2.90 (60.51)	20.53	2.2299	.4631	.0153	-.0173	-.0056	.0164
.204	2.90 (60.49)	22.47	2.1173	.5365	.0866	-.0124	-.0037	.0124
.204	2.90 (60.64)	24.51	2.0627	.6153	.1004	-.0113	-.0016	.0128
.204	2.90 (60.55)	26.65	1.9942	.6860	.0762	-.0123	-.0029	.0145
.204	2.90 (60.48)	28.61	1.9794	.7457	.0560	-.0123	.0002	.0130

TABLE 143 .- TABULATED PRESSURE DATA FOR RUN 57 AT ALPHA = -3.953 DEGREES AND QINF = 2.89 KN/SQM ( 60.36 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.6916	128B	-.5957	214A	-.5114	255C	.2165	313A	-.5248	327E	-.3340
113A	-.6068	129B	-.7922	213A	-.5003	254C	.2247	312A	-.5163	328E	-.2948
112A	-.6970	157C	.1947	212A	-.5016	253C	.0442	311A	-.5175	329E	-.2214
111A	-.5822	156C	.3013	211A	-.4991	252C	-.0378	310A	-.5244	330E	-.1468
110A	-.6610	155C	.4408	210A	-.5415	251C	-.2047	309A	-.5073		
109A	-.7037	154C	.4682	209A	-.5415	243C	-.4782	308A	-.4902		
108A	-.8404	153C	.4928	208A	-.5415	244C	-.3244	301A	-.4731		
101A	-.3023	152C	-.0707	201A	-.3023	245C	-.5254	302A	-.1999		
102A	.5602	144C	-.1883	202A	.4321	246C	-.6716	303A	.6883		
103A	.7652	145C	-.6750	203A	.7139	247C	-.6783	304A	.7822		
104A	.5773	146C	-1.1730	204A	.6968	248C	-.5388	305A	.6712		
105A	.3723	147C	-1.1116	206A	.3979	249C	-.3847	307A	.1759		
106A	.1844	148C	-.9106	207A	-.0205	250C	-.2675	345E	-.1077		
107A	-.0803	149C	-.6817	242B	-.0023	264D	.1290	344E	-.1407		
142B	.3232	150C	-.4896	241B	-.0269	263D	.2767	343E	-.1407		
141B	.2877	151C	-.3646	240B	-.0597	262D	.3095	342E	-.1945		
140B	.2329	166D	.1017	239B	-.2512	261D	.2849	341E	-.2288		
139B	.2165	165D	.4025	238B	-.3606	256D	-.1435	340E	-.2704		
138B	.1755	164D	.4627	237B	-.4881	257D	-.3233	339E	-.2300		
137B	.0962	158D	.1501	236B	-.5370	258D	-.2965	338E	-.3646		
136B	-.1090	159D	-.1893	235B	-.5432	259D	-.1480	337E	-.4441		
135B	-.2813	160D	-.5399	234B	-.5211	260D	-.0430	336E	-.5052		
134B	-.4807	161D	-.1603	233B	-.5260			335E	-.5175		
133B	-.5302	162D	-.1257	232B	-.5211			334E	-.5297		
132B	-.5739			231B	-.5199			333E	-.5358		
131B	-.6177			230B	-.5236			332E	-.5285		
130B	-.7134			215B	-.5260			331E	-.5444		
115B	-.8611			216B	-.5415			314E	-.5334		
116B	-.7203			217B	-.4134			315E	-.5073		
117B	.4577			218B	-.3023			316E	-.5500		
118B	-.4731			219B	-.6098			317E	-.0205		
119B	-.8489			220B	-.6525			318E	-.3621		
120B	-.8375			222B	-.4651			319E	-.3792		
121B	-.5745			223B	-.4740			320E	-.3536		
122B	-.5220			224B	-.4829			321E	-.3511		
123B	-.5153			225B	-.4908			322E	-.3682		
124B	-.5120			226B	-.6270			323E	-.3670		
125B	-.5310			227B	-.5846			324E	-.3609		
126B	-.5388			228B	-.6203			325E	-.3890		
127B	-.5589			229B	-.6437			326E	-.3805		



TABLE 164 .- TABULATED PRESSURE DATA FOR RUN 57 AT ALPHA = .076 DEGREES AND QINF = 2.89 KN/SQM ( 60.33 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.3445	128B	-.6710	214A	-.3734	255C	.3150	313A	-.3722	327E	-.2621
113A	-.3472	129B	-.8196	213A	-.3502	254C	.4491	312A	-.3906	328E	-.1654
112A	-.4786	157C	.1700	212A	-.3490	253C	.4601	311A	-.4040	329E	-.1164
111A	-.3472	156C	.2986	211A	-.3514	252C	.4874	310A	-.4991	330E	-.0834
110A	-.3539	155C	.4929	210A	-.3710	251C	.5011	309A	-.4906		
109A	-.4052	154C	.5613	209A	-.3881	243C	.3807	308A	-.4821		
108A	-.3966	153C	.6434	208A	-.4906	244C	.0797	301A	-.6017		
101A	.2869	152C	-.0736	201A	-.2655	245C	-.4141	302A	.1929		
102A	.7056	144C	.1755	202A	.7227	246C	-.8944	303A	.7739		
103A	.5347	143C	-.6643	203A	.7312	247C	-.8475	304A	.6458		
104A	.1929	146C	-1.2887	204A	.5518	248C	-.6833	305A	.4749		
105A	.0391	147C	-1.2251	206A	.1417	249C	-.5012	307A	-.0805		
106A	-.1403	148C	-.9469	207A	-.2343	250C	-.3571	345E	.1785		
107A	-.2855	149C	-.7101	242B	.4765	264D	.0742	344E	.1908		
142B	.5038	150C	-.4978	241B	.3862	263D	.3998	343E	.1932		
141B	.4190	151C	-.3738	240B	.3068	262D	.4628	342E	.1699		
140B	.4108	166D	.0578	239B	.3041	261D	.4573	341E	.1210		
139B	.4053	165D	.4300	238B	.2658	256D	.4550	340E	.0659		
138B	.3643	164D	.5066	237B	.2067	257D	-.4632	339E	-.0834		
137B	.1508	158D	.2808	236B	.1920	258D	-.5191	338E	-.0136		
136B	.1262	159D	-.1739	235B	.1357	259D	-.3303	337E	.0280		
135B	.1289	160D	-.6308	234B	-.1274	260D	-.1460	336E	.0304		
134B	.1043	161D	-.1828	233B	-.4126			335E	-.2780		
133B	-.3390	162D	-.1582	232B	-.4873			334E	-.5019		
132B	-.4403			231B	-.4946			333E	-.5913		
131B	-.3992			230B	-.6243			332E	-.5876		
130B	-.3992			215B	-.7149			331E	-.6708		
115B	-.3719			216B	-.7213			314E	-.7186		
116B	-.3539			217B	-.9776			315E	-.6700		
117B	-.4479			218B	-1.1314			316E	-.7555		
118B	-.9776			219B	-1.1998			317E	-.8238		
119B	-1.3365			220B	-1.3877			318E	-.8836		
120B	-1.3536			222B	-.8553			319E	-.9349		
121B	-1.0039			223B	-.7872			320E	-.7213		
122B	-.8006			224B	-.7380			321E	-.6170		
123B	-.7425			225B	-.7168			322E	-.5411		
124B	-.7056			226B	-.7849			323E	-.4958		
125B	-.6822			227B	-.7380			324E	-.4297		
126B	-.6676			228B	-.7548			325E	-.3991		
127B	-.6598			229B	-.7726			326E	-.3428		

TABLE 165 .- TABULATED PRESSURE DATA FOR RUN 57 AT ALPHA = 4.249 DEGREES AND QINF = 2.88 KN/SQM ( 60.16 LB/SOFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.1232	128B	-.6924	214A	-.4165	255C	.3516	313A	-.4766	327E	-.3048
113A	-.1835	129B	-.7798	213A	-.5724	254C	.5162	312A	-.6227	328E	-.2533
112A	-.3592	157C	.2061	212A	-.5810	253C	.5492	311A	-.5932	329E	-.2275
111A	-.0965	156C	.3241	211A	-.5392	252C	.5013	310A	-.7175	330E	-.1980
110A	-.2634	155C	.5217	210A	-.7346	251C	.6452	309A	-.7261		
109A	-.2548	154C	.5931	209A	-.8289	243C	.6178	308A	-.8888		
108A	.1136	153C	.6864	208A	-.5033	244C	.1365	301A	-.7432		
101A	.6106	152C	-.0381	201A	-.1520	245C	-.4224	302A	.5420		
102A	.5420	144C	.2144	202A	.7134	246C	-1.0038	303A	.6791		
103A	.1222	145C	-.6162	203A	.4049	247C	-.8985	304A	.3364		
104A	-.2691	146C	-1.2099	204A	.1393	248C	-.7238	305A	.1650		
105A	-.4347	147C	-1.1808	206A	-.2719	249C	-.5177	307A	-.4519		
106A	-.5290	148C	-.8806	207A	-.7089	250C	-.3675	345E	.2008		
107A	-.5890	149C	-.6476	242B	.6040	264D	.0387	344E	.2425		
142B	.5135	150C	-.4628	241B	.4065	263D	.4476	343E	.2438		
141B	.4449	151C	-.3463	240B	.3680	262D	.5190	342E	.2254		
140B	.4531	166D	.0415	239B	.3598	261D	.4943	341E	.1714		
139B	.4449	165D	.4366	238B	.3049	256D	.6115	340E	.1125		
136B	.4092	164D	.5135	237B	.1984	257D	-.5333	339E	-.1391		
137B	.2253	158D	.3337	236B	.2045	258D	-.5961	338E	-.0164		
136B	.1512	159D	-.1491	235B	.2511	259D	-.4056	337E	.0106		
135B	.1485	160D	-.6129	234B	.3714	260D	-.1704	336E	.1039		
134B	.2391	161D	-.1581	233B	.5715			335E	.2573		
133B	.5546	162D	-.1558	232B	.7862			334E	.4892		
132B	.1595			231B	-.1539			333E	.6230		
131B	-.4003			230B	-2.1556			332E	-.3834		
130B	-.7900			215B	-2.5274			331E	-1.4879		
115B	-.5787			216B	-1.8313			314E	-2.3986		
116B	-.4261			217B	-1.8228			315E	-1.6086		
117B	-1.0945			218B	-2.1483			316E	-1.4629		
118B	-1.7865			219B	-1.9593			317E	-1.5486		
119B	-2.0370			220B	-2.3197			318E	-1.4286		
120B	-1.9084			222B	-1.1158			319E	-1.6428		
121B	-1.3365			223B	-1.0173			320E	-1.0259		
122B	-1.0755			224B	-.9501			321E	-.8362		
123B	-.9310			225B	-.8795			322E	-.7135		
124B	-.8481			226B	-.9377			323E	-.6276		
125B	-.7876			227B	-.8515			324E	-.5073		
126B	-.7283			228B	-.8403			325E	-.4423		
127B	-.6969			229B	-.6347			326E	-.3637		

TABLE 166 .- TABULATED PRESSURE DATA FOR RUN 57 AT ALPHA = 8.288 DEGREES AND QINF = 2.90 KN/SQM ( 60.49 LB/SQFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.1853	128B	-.7077	214A	-.4503	255C	.3742	313A	-.5370	327E	-.3319
113A	-.2262	129B	-.7701	213A	-.5138	254C	.5353	312A	-.5284	328E	-.2867
112A	-.3163	157C	.2350	212A	-.5199	253C	.5708	311A	-.4930	329E	-.2721
111A	-.2290	156C	.3551	211A	-.4735	252C	.6226	310A	-.4014	330E	-.2526
110A	-.1031	155C	.5517	210A	-.2991	251C	.6718	309A	-.4184		
109A	.1440	154C	.6308	209A	-.2224	243C	.6499	308A	-.2650		
108A	.5616	153C	.7182	206A	.4339	244C	.1613	301A	.1952		
101A	.6553	152C	-.0051	201A	.2548	245C	-.4403	302A	.7150		
102A	.0503	144C	.3169	202A	.2633	246C	-1.0476	303A	.2037		
103A	-.6144	145C	-.5919	203A	-.2309	247C	-.9183	304A	-.2309		
104A	-.9468	146C	-1.2180	204A	-.4014	248C	-.7167	305A	-.3417		
105A	-.9979	147C	-1.1746	206A	-.7252	249C	-.5050	307A	-.9468		
106A	-.9894	148C	-.8570	207A	-1.1428	250C	-.3668	345E	.1771		
107A	-.8871	149C	-.6242	242B	.6745	264D	.0413	344E	.2284		
142B	.5571	150C	-.4459	241B	.4752	263D	.4670	343E	.2296		
141B	.4834	151C	-.3312	240B	.4261	262D	.5380	342E	.2223		
140B	.4971	166D	.0604	239B	.4125	261D	.5271	341E	.1759		
139B	.4916	165D	.4479	238B	.3633	256D	.5958	340E	.1259		
138B	.4589	164D	.5298	237B	.3016	257D	-.5139	339E	-.1085		
137B	.3060	158D	.3418	236B	.3041	258D	-.5718	338E	.0404		
136B	.2460	159D	-.1239	235B	.3602	259D	-.3857	337E	.0892		
135B	.2596	160D	-.5930	234B	.4811	260D	-.1785	336E	.1905		
134B	.3415	161D	-.1317	233B	.6190			335E	.3358		
133B	.5517	162D	-.1507	232B	.7753			334E	.5006		
132B	.7591			231B	.4884			333E	.7435		
131B	.2924			230B	-1.6405			332E	.5946		
130B	-1.1242			215B	-3.9232			331E	-.4906		
115B	-1.3317			216B	-2.5063			314E	-3.3995		
116B	-.8360			217B	-3.2904			315E	-2.5575		
117B	-1.9950			218B	-3.1455			316E	-2.4722		
118B	-2.7023			219B	-2.6682			317E	-2.3955		
119B	-2.8387			220B	-3.2477			318E	-2.1143		
120B	-2.4893			222B	-1.4175			319E	-2.3274		
121B	-1.7083			223B	-1.2459			320E	-1.3899		
122B	-1.2782			224B	-1.1423			321E	-1.0704		
123B	-1.0921			225B	-1.0320			322E	-.9044		
124B	-.9751			226B	-1.0554			323E	-.7872		
125B	-.8749			227B	-.9373			324E	-.6224		
126B	-.7779			228B	-.9038			325E	-.5321		
127B	-.7245			229B	-.8682			326E	-.4198		
*****											

TABLE 167. - TABULATED PRESSURE DATA FOR RUN 57 AT ALPHA = 12.416 DEGREES AND QINF = 2.89 KN/SQM ( 60.33 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.0414	128B	-.6945	214A	-.0969	255C	.3999	313A	-.3123	327E	-.4554
113A	-.0462	129B	-.7470	213A	-.3098	254C	.5558	312A	-.3416	328E	-.4236
112A	-.2487	157C	.2439	212A	-.3416	253C	.5914	311A	-.2951	329E	-.4261
111A	-.0654	156C	.3588	211A	-.2743	252C	.6379	310A	-.0719	330E	-.3747
110A	.2015	155C	.5422	210A	.0989	251C	.6845	309A	.0989		
109A	.5347	154C	.6188	209A	.3638	243C	.6598	308A	.4493		
108A	.6800	153C	.7036	208A	.7483	244C	.1925	301A	.6885		
101A	.1588	152C	.0140	201A	.2698	245C	-.4107	302A	.1673		
102A	-1.0502	144C	.3150	202A	-1.0374	246C	-1.0329	303A	-.6067		
103A	-1.7893	145C	-.5492	203A	-1.4988	247C	-.8799	304A	-1.1229		
104A	-2.0200	146C	-2.1670	204A	-1.4903	248C	-.6743	305A	-1.0460		
105A	-1.7808	147C	-1.1256	206A	-1.4476	249C	-.4710	307A	-1.5501		
106A	-1.6526	148C	-.8129	207A	-1.8919	250C	-.3415	345E	.1296		
107A	-1.4561	149C	-.5861	242B	.7146	264D	.0414	344E	.1932		
142B	.5723	150C	-.4096	241B	.5066	263D	.4737	343E	.2030		
141B	.5011	151C	-.3079	240B	.4546	262D	.5422	342E	.2005		
140B	.5066	166D	.0687	239B	.4436	261D	.5504	341E	.1589		
139B	.5066	165D	.4628	238B	.4217	256D	.5857	340E	.1185		
138B	.4820	164D	.5476	237B	.3682	257D	-.4811	339E	-.0895		
137B	.3561	158D	.3523	236B	.3915	258D	-.5425	338E	.0733		
136B	.3095	159D	-.1024	235B	.4600	259D	-.3582	337E	.1491		
135B	.3369	160D	-.5638	234B	.5653	260D	-.1839	336E	.2630		
134B	.4300	161D	-.1002	233B	.6852			335E	.4049		
133B	.5969	162D	-.1348	232B	.7794			334E	.5579		
132B	.7282			231B	.5028			333E	.7293		
131B	.5257			230B	-1.4126			332E	.6008		
130B	-.5388			215B	-3.7917			331E	-.2498		
115B	-1.1983			216B	-3.4469			314E	-3.5886		
116B	-1.0033			217B	-4.4808			315E	-3.3273		
117B	-2.7463			218B	-4.2672			316E	-3.4555		
118B	-3.6263			219B	-3.4469			317E	-3.3187		
119B	-3.6263			220B	-3.9339			318E	-2.8317		
120B	-3.1051			222B	-1.6708			319E	-2.9343		
121B	-2.0126			223B	-1.4429			320E	-1.7210		
122B	-1.4742			224B	-1.2977			321E	-1.2779		
123B	-1.2117			225B	-1.1379			322E	-1.0600		
124B	-1.0474			226B	-1.1201			323E	-.9095		
125B	-.9056			227B	-.9760			324E	-.6819		
126B	-.7793			228B	-.9156			325E	-.5974		
127B	-.7157			229B	-.8542			326E	-.5215		

TABLE 16B.- TABULATED PRESSURE DATA FOR RUN 57 AT ALPHA = 14.335 DEGREES AND QINF = 2.88 KN/SQM ( 60.12 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.1338	128B	-.6290	214A	.0906	255C	.4139	313A	-.1993	327E	-.7790
113A	.0377	129B	-.6806	213A	-.2398	254C	.5704	312A	-.2079	328E	-.7004
112A	-.1573	157C	.1750	212A	-.2779	253C	.6061	311A	-.1919	329E	-.6783
111A	.0212	156C	.3095	211A	-.2067	252C	.6528	310A	.1212	330E	-.5862
110A	.2927	155C	.5210	210A	.2584	251C	.6995	309A	.3270		
109A	.6099	154C	.6034	209A	.5413	243C	.6748	308A	.6357		
108A	.6957	153C	.6940	208A	.7300	244C	.2006	301A	.7385		
101A	.0697	152C	.0184	201A	.3270	245C	-.3913	302A	-.2647		
102A	-1.2936	144C	.3892	202A	-1.6280	246C	-1.0113	303A	-1.3536		
103A	-1.9281	145C	-.4878	203A	-1.9796	247C	-.8454	304A	-1.4222		
104A	-2.0825	146C	-1.0842	204A	-1.8167	248C	-.6369	305A	-1.2765		
105A	-1.7909	147C	-1.0528	206A	-1.6709	249C	-.4541	307A	-1.6709		
106A	-1.6290	148C	-.7680	207A	-2.0568	250C	-.3319	345E	.0685		
107A	-1.3108	149C	-.6100	242B	.7352	264D	.0514	344E	.1397		
142B	.5732	150C	-.5035	241B	.5320	263D	.4881	343E	.1618		
141B	.5018	151C	-.4552	240B	.4716	262D	.5595	342E	.1606		
140B	.5018	166D	-.1051	239B	.4716	261D	.5650	341E	.1336		
139B	.4963	165D	.4057	238B	.4469	256D	.5828	340E	.0967		
138B	.4743	164D	.5128	237B	.3988	257D	-.4732	339E	-.1195		
137B	.3947	158D	.2802	236B	.4246	258D	-.5427	338E	.0795		
136B	.3178	159D	-.2602	235B	.4959	259D	-.3667	337E	.1679		
135B	.3535	160D	-.7725	234B	.5990	260D	-.1963	336E	.2920		
134B	.4441	161D	-.1503	233B	.7133			335E	.4418		
133B	.6144	162D	-.3544	232B	.7796			334E	.5868		
132B	.7380			231B	.5009			333E	.7341		
131B	.5677			230B	-1.3624			332E	.6126		
130B	-.4045			215B	-3.7390			331E	-.1895		
115B	-1.0471			216B	-3.6688			314E	-3.5069		
116B	-.8992			217B	-4.9035			315E	-3.4115		
117B	-2.5541			218B	-4.4748			316E	-3.6516		
118B	-3.3601			219B	-3.7031			317E	-3.4115		
119B	-3.2743			220B	-4.1661			318E	-2.8799		
120B	-2.7770			222B	-1.7411			319E	-2.8285		
121B	-1.7770			223B	-1.4967			320E	-1.6109		
122B	-1.2893			224B	-1.3308			321E	-1.1438		
123B	-1.0909			225B	-1.1525			322E	-.9964		
124B	-.9362			226B	-1.1245			323E	-.9546		
125B	-.8073			227B	-.9642			324E	-.8896		
126B	-.6907			228B	-.8969			325E	-.9067		
127B	-.6380			229B	-.8185			326E	-.9092		

TABLE 169 .- TABULATED PRESSURE DATA FOR RUN 57 AT ALPHA = 16.353 DEGREES AND QINF = 2.89 KN/SQM ( 60.44 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.2639	128B	-.6428	214A	.3640	255C	.4251	313A	-.0562	327E	-.9798
113A	.1055	129B	-.7063	213A	-.1503	254C	.5780	312A	-.1246	328E	-.8478
112A	-.0748	157C	.1656	212A	-.2065	253C	.6108	311A	-.0941	329E	-.7574
111A	.0864	156C	.3049	211A	-.0880	252C	.6627	310A	.2281	330E	-.6951
110A	.4242	155C	.5261	210A	.4498	251C	.7010	309A	.4839		
109A	.6801	154C	.6108	209A	.7142	243C	.6955	308A	.7568		
108A	.6460	153C	.6982	208A	.6460	244C	.2270	301A	.6971		
101A	-.2069	152C	-.0011	201A	.1513	245C	-.3462	302A	-.9063		
102A	-1.7506	144C	.3896	202A	-2.5267	246C	-.9628	303A	-2.0064		
103A	-2.3305	145C	-.4844	203A	-2.7058	247C	-.7977	304A	-1.8870		
104A	-2.4073	146C	-1.0955	204A	-2.3561	248C	-.5770	305A	-1.6397		
105A	-2.0747	147C	-1.0776	206A	-1.9041	249C	-.4276	307A	-1.8785		
106A	-1.7250	148C	-.8122	207A	-2.3391	250C	-.3250	345E	.0317		
107A	-1.4265	149C	-.6372	242B	.7556	264D	.0372	344E	.1221		
142E	.5890	150C	-.5402	241B	.5617	263D	.4879	343E	.1454		
141B	.5125	151C	-.5011	240B	.4934	262D	.5671	342E	.1563		
140B	.5179	166D	-.1568	239B	.4879	261D	.5780	341E	.1344		
139B	.5152	165D	.3978	238B	.4660	256D	.5793	340E	.0989		
138B	.4961	164D	.5207	237B	.4129	257D	-.4677	339E	-.1063		
137B	.4223	158D	.2404	236B	.4495	258D	-.5513	338E	.1014		
136B	.3404	159D	-.2347	235B	.5302	259D	-.3751	337E	.2015		
135B	.3841	160D	-.8368	234B	.6340	260D	-.2235	336E	.3237		
134B	.4770	161D	-.1622	233B	.7330			335E	.4703		
133B	.6354	162D	-.4086	232B	.7696			334E	.6157		
132B	.7310			231B	.4874			333E	.7415		
131B	.5808			230B	-1.3011			332E	.5998		
130B	-.2687			215B	-3.7725			331E	-.1540		
115B	-.9216			216B	-4.0960			314E	-3.5098		
116B	-.8892			217B	-5.3667			315E	-3.6525		
117B	-2.6887			218B	-4.9318			316E	-3.9339		
118B	-3.4563			219B	-4.1557			317E	-3.6866		
119B	-3.3369			220B	-4.4115			318E	-3.0640		
120B	-2.7740			222B	-1.7979			319E	-2.9361		
121B	-1.7656			223B	-1.5349			320E	-1.6482		
122B	-1.2694			224B	-1.3553			321E	-1.1557		
123B	-1.0620			225B	-1.1468			322E	-1.0115		
124B	-.9093			226B	-1.1111			323E	-1.0128		
125B	-.7576			227B	-.9282			324E	-.9871		
126B	-.6561			228B	-.8379			325E	-1.0177		
127B	-.6216			229B	-.7576			326E	-1.0372		

TABLE 170 .- TABULATED PRESSURE DATA FOR RUN 57 AT ALPHA = 17.378 DEGREES AND QINF = 2.89 KN/SQM ( 60.41 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
114A	.2960	128B	-.6372	214A	.4233	255C	.3917	313A	-.0180	327E	-.9518	
113A	.1320	129B	-.6919	213A	-.1206	254C	.5502	312A	-.1011	328E	-.8088	
112A	-.0511	157C	.1430	212A	-.1903	253C	.5884	311A	-.0656	329E	-.6780	
111A	.0992	156C	.2796	211A	-.0595	252C	.6404	310A	.2615	330E	-.6719	
110A	.4492	155C	.5037	210A	.4577	251C	.6814	309A	.5004			
109A	.6625	154C	.5939	209A	.6967	243C	.6978	308A	.7052			
108A	.5431	153C	.6868	208A	.5175	244C	.2575	301A	.5516			
101A	-.4297	152C	-.0319	201A	-.2676	245C	-.2947	302A	-1.2574			
102A	-2.0595	144C	.3807	202A	-2.8360	246C	-.8693	303A	-2.3923			
103A	-2.5800	145C	-.4888	203A	-2.9810	247C	-.7008	304A	-2.1363			
104A	-2.6141	146C	-1.0768	204A	-2.5800	248C	-.5223	305A	-1.8547			
105A	-2.2045	147C	-1.0957	206A	-2.0765	249C	-.4040	307A	-2.0339			
106A	-1.7F64	148C	-.7990	207A	-2.5032	250C	-.3226	345E	.0273			
107A	-1.4707	149C	-.6551	242B	.7579	264D	-.0046	344E	.1275			
142B	.5748	150C	-.5613	241B	.5502	263D	.4655	343E	.1422			
141B	.5037	151C	-.5145	240B	.4737	262D	.5420	342E	.1605			
140B	.5119	166D	-.1658	239B	.4791	261D	.5447	341E	.1348			
139B	.4983	165D	.3835	238B	.4573	256D	.5822	340E	.0994			
138B	.4791	164D	.4873	237B	.4147	257D	-.4810	339E	-.1072			
137B	.4245	158D	.2408	236B	.4563	258D	-.5602	338E	.1092			
136B	.3452	159D	-.4063	235B	.5296	259D	-.3851	337E	.2094			
135B	.3889	160D	-.8414	234B	.6335	260D	-.2401	336E	.3377			
134B	.4928	161D	-.1742	233B	.7252			335E	.4856			
133B	.6431	162D	-.4119	232B	.7618			334E	.6140			
132B	.7306			231B	.4783			333E	.7288			
131C	.5748			230B	-1.2781			332E	.5858			
130B	-.2178			215B	-3.7837			331E	-.1683			
115B	-.9092			216B	-4.1927			314E	-3.5564			
116B	-.8990			217B	-5.4812			315E	-3.7831			
117B	-2.7848			218B	-4.9863			316E	-4.1927			
118B	-3.5357			219B	-4.2525			317E	-3.8941			
119B	-3.3480			220B	-4.4573			318E	-3.2200			
120B	-2.8019			222B	-1.7919			319E	-3.0408			
121B	-1.7763			223B	-1.5085			320E	-1.7182			
122B	-1.2787			224B	-1.3077			321E	-1.2036			
123B	-1.0299			225B	-1.1247			322E	-1.0410			
124B	-.9027			226B	-1.0288			323E	-1.0495			
125B	-.7510			227B	-.8425			324E	-1.0251			
126B	-.6372			228B	-.7867			325E	-1.0361			
127B	-.6227			229B	-.7053			326E	-1.0337			
*****												







TABLE 173 .- TABULATED PRESSURE DATA FOR RUN 57 AT ALPHA = 28.475 DEGREES AND QINF = 2.90 KN/SQM ( 60.54 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	CP\
114A	.6488	128B	-.7561	214A	.5945	255C	.2916	313A	.4445	327E		-.8338
113A	.7470	129B	-.7561	213A	.4140	254C	.5043	312A	.3225	328E		-.8216
112A	.1525	157C	.0652	212A	.2859	253C	.5616	311A	.3396	329E		-.7923
111A	.3734	156C	.2261	211A	.3323	252C	.6161	310A	.6515	330E		-.7594
110A	.7452	155C	.4743	210A	.7367	251C	.6434	309A	.7197			
109A	.5238	154C	.5779	209A	.6856	243C	.6898	308A	.4301			
108A	-.5235	153C	.6788	208A	-.6938	244C	.2280	301A	-.4980			
101A	-2.8737	152C	.0625	201A	-2.1669	245C	-.3497	302A	-4.2616			
102A	-5.1387	144C	.4252	202A	-5.4027	246C	-1.0177	303A	-4.5256			
103A	-4.7215	145C	-.4833	203A	-4.6363	247C	-.9041	304A	-3.6741			
104A	-4.5001	146C	-1.1546	204A	-3.2058	248C	-.8106	305A	-2.2180			
105A	-2.8652	147C	-1.1535	206A	-2.2521	249C	-.7594	307A	-2.0988			
106A	-2.4054	148C	-.9053	207A	-2.3458	250C	-.7205	345E	.0359			
107A	-1.8689	149C	-.7984	242B	.7170	264D	-.3220	344E	.1274			
142B	.6161	150C	-.7661	241B	.6379	263D	.3816	343E	.1505			
141B	.5207	151C	-.7583	240B	.4907	262D	.4770	342E	.1639			
140B	.5234	166D	-.3466	239B	.4879	261D	.5179	341E	.1444			
139B	.5179	165D	.3298	238B	.4852	256D	.4396	340E	.1274			
138B	.5152	164D	.4607	237B	.4591	257D	-.9531	339E	-.0776			
137B	.4716	158D	.1100	236B	.5262	258D	-1.0734	338E	.1822			
136B	.4607	159D	-.5112	235B	.6043	259D	-.8296	337E	.2981			
135B	.5425	160D	-1.1802	234B	.6860	260D	-.6759	336E	.4372			
134B	.6461	161D	-.2451	233B	.7518			335E	.5664			
133B	.7470	162D	-.7127	232B	.7287			334E	.6640			
132B	.7607			231B	.5408			333E	.7128			
131B	.6707			230B	-.6654			332E	.5860			
130B	.1361			215B	-2.8097			331E	.0749			
115B	-.4393			216B	-3.5975			314E	-2.5487			
116B	-.9833			217B	-4.4490			315E	-3.1973			
117B	-3.2909			218B	-3.7593			316E	-3.5379			
118B	-3.9125			219B	-2.5331			317E	-2.9333			
119B	-3.5208			220B	-2.0818			318E	-1.9881			
120B	-2.5161			222B	-.9943			319E	-1.5453			
121B	-1.3717			223B	-.9631			320E	-1.1111			
122B	-.8630			224B	-.8997			321E	-1.0667			
123B	-.7839			225B	-.8529			322E	-1.0118			
124B	-.7605			226B	-.8630			323E	-.9362			
125B	-.7182			227B	-.8095			324E	-.8752			
126B	-.7282			228B	-.8040			325E	-.8545			
127B	-.7505			229B	-.7917			326E	-.8411			
*****												

TABLE 174.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 57

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.953	-.12675	.32816	.16662	.05062	-.13875	.11116	.11461	.04761	-.13753	-.02450
.076	-.06678	.76510	.18370	.05703	-.10335	.76378	.20864	.07763	-.11070	.36539
4.249	-.00238	1.09987	.18105	.05683	-.08276	1.27835	.23320	.08727	-.10710	.78132
8.288	.06275	1.39266	.18386	.05695	.00170	1.65245	.23860	.08870	-.03971	1.08367
12.416	.19245	1.60562	.17705	.05632	.17048	1.94872	.23597	.08824	.09239	1.33743
14.335	.21007	1.48994	.17678	.06698	.23009	2.03479	.23399	.09078	.14923	1.46299
16.353	.25446	1.49931	.18169	.06942	.31392	2.12559	.22728	.09294	.22138	1.57765
17.378	.27736	1.50173	.18007	.07003	.34756	2.10861	.21149	.09115	.25635	1.61567
20.404	.33728	1.52443	.18721	.07450	.40783	1.88741	.22573	.11162	.35290	1.64405
24.425	.45095	1.61753	.19294	.07802	.42879	1.58819	.23993	.12570	.36642	1.39769
28.475	.49406	1.50773	.19946	.08652	.49285	1.59452	.25077	.13167	.45535	1.37302

TABLE 175.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 57

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.953	-.00837	-.02398	-.00539	-.00055	-.00480	-.00930	-.00281	-.00359	-.01161	-.01670
.076	.01261	-.03620	-.00335	-.00050	-.00005	-.05533	.01429	-.00175	-.00955	-.06091
4.249	.02948	-.05901	-.00313	-.00028	.01009	-.11676	.01760	-.00159	-.00503	-.11382
8.288	.05090	-.11027	-.00272	-.00015	.03610	-.17950	.01777	-.00150	.02545	-.16424
12.416	.05317	-.14061	-.00269	-.00006	.04633	-.22963	.01744	-.00128	.04788	-.20815
14.335	.04774	-.12823	.00043	-.00106	.04543	-.24517	.01733	-.00117	.04928	-.19318
16.353	.04151	-.13146	.00099	-.00110	.03805	-.27202	.01747	-.00104	.04870	-.19945
17.378	.03498	-.13424	.00124	-.00189	.03008	-.28009	.01773	-.00106	.04539	-.21306
20.404	.01772	-.13580	.00163	-.00191	.01309	-.26934	.02265	-.00219	.03624	-.21155
24.425	-.01094	-.15601	.00289	-.00239	-.01093	-.20707	.02611	-.00303	.02591	-.17359
28.475	-.04093	-.13738	.00487	-.00287	-.04619	-.20429	.02734	-.00336	-.00362	-.14926

TABLE 176.- PITCHING-MOMENT COEFFICIENT FOR RUN 57

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.953	.00767	-.20760	-.01145	-.00197	.00968	-.08343	-.01225	-.00232	.01025	-.02076
.076	.00326	-.35659	-.01232	-.00217	.00653	-.34765	-.02030	-.00371	.00747	-.17560
4.249	-.00116	-.43462	-.01216	-.00216	.00408	-.46574	-.02234	-.00411	.00626	-.26559
8.288	-.00506	-.50682	-.01233	-.00219	-.00114	-.55999	-.02275	-.00424	.00137	-.32950
12.416	-.01278	-.55102	-.01186	-.00218	-.01253	-.62810	-.02250	-.00428	-.00773	-.39698
14.335	-.01366	-.51318	-.01219	-.00271	-.01657	-.64677	-.02231	-.00445	-.01125	-.48266
16.353	-.01613	-.51314	-.01262	-.00284	-.02203	-.65887	-.02172	-.00460	-.01597	-.53463
17.378	-.01733	-.50984	-.01253	-.00281	-.02433	-.64225	-.02028	-.00450	-.01838	-.53715
20.404	-.02066	-.51227	-.01296	-.00308	-.02783	-.56967	-.02215	-.00555	-.02451	-.55247
24.425	-.02699	-.53308	-.01363	-.00320	-.02847	-.51864	-.02405	-.00631	-.02465	-.48072
28.475	-.02861	-.52218	-.01417	-.00367	-.03161	-.53261	-.02514	-.00661	-.02877	-.49033

TABLE 177.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 57 OF TEST 218

MACH	Q,KPA (PSF)	ALPHA,DEG	CL	CD	CPM	CRM	CYM	CSF
.204	2.92 (61.05)	-5.99	.0088	.1368	-.2573	.0027	.0041	-.0218
.203	2.89 (60.31)	-3.95	.2607	.1119	-.2486	.0029	.0028	-.0113
.203	2.89 (60.38)	-1.87	.5778	.0933	-.2863	.0030	.0023	-.0120
.203	2.89 (60.28)	.08	.8859	.0928	-.3164	.0021	.0034	-.0083
.203	2.88 (60.15)	2.19	1.1373	.1015	-.3140	-.0004	.0030	-.0119
.203	2.88 (60.11)	4.25	1.3618	.1181	-.2916	.0003	.0037	-.0091
.203	2.89 (60.36)	6.28	1.5987	.1344	-.2708	-.0009	.0035	-.0116
.203	2.89 (60.44)	8.29	1.7800	.1633	-.2439	-.0021	.0033	-.0059
.203	2.88 (60.10)	10.41	1.9609	.1944	-.2198	-.0030	.0027	-.0045
.203	2.89 (60.28)	12.42	2.1455	.2252	-.1824	-.0037	.0026	-.0040
.203	2.88 (60.24)	13.37	2.1524	.2514	-.1891	-.0108	.0007	.0041
.203	2.88 (60.07)	14.34	2.2240	.2744	-.1624	-.0105	.0017	.0114
.203	2.88 (60.15)	15.43	2.2960	.2916	-.1413	-.0117	.0031	.0055
.203	2.89 (60.39)	16.35	2.3303	.3169	-.1223	-.0130	.0021	.0137
.203	2.89 (60.36)	17.38	2.2937	.3506	-.1336	-.0085	.0031	.0016
.203	2.88 (60.19)	18.48	2.2942	.3823	-.0960	-.0140	.0001	.0036
.203	2.89 (60.28)	20.40	2.3027	.4525	-.0432	-.0267	-.0090	.0104
.203	2.88 (60.18)	22.38	2.3232	.5234	.0096	-.0287	-.0091	.0101
.203	2.89 (60.37)	24.43	2.2258	.6029	.1097	-.0125	-.0012	-.0009
.204	2.90 (60.61)	26.42	2.2064	.6706	.1340	-.0130	-.0022	.0022
.204	2.90 (60.49)	28.47	2.1908	.7485	.1413	-.0129	-.0012	.0013

TABLE 178 .- TABULATED PRESSURE DATA FOR RUN 48 AT ALPHA = -3.966 DEGREES AND QINF = 2.89 KN/SQM ( 50.40 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.6548	128B	-.5890	214A	-.5201	255C	.1460	313A	-.5030	327E	-.3392
113A	-.5783	129B	-.7709	213A	-.5078	254C	.1733	312A	-.5066	328E	-.2854
112A	-.7040	157C	.1733	212A	-.5127	253C	.0531	311A	-.5091	329E	-.2365
111A	-.5592	156C	.2936	211A	-.5115	252C	-.0535	310A	-.4892	330E	-.1631
110A	-.6684	155C	.3920	210A	-.5233	251C	-.2121	309A	-.4806		
109A	-.6855	154C	.4275	209A	-.4977	243C	-.4990	308A	-.4806		
108A	-.6684	153C	.3892	208A	-.4892	244C	-.3424	301A	-.4892		
101A	-.6940	152C	-.0727	201A	-.3185	245C	-.5154	302A	-.1905		
102A	.2191	144C	-.1875	202A	.4581	246C	-.6392	303A	.6885		
103A	.6970	145C	-.6816	203A	.7738	247C	-.6348	304A	.7738		
104A	.7311	146C	-1.1814	204A	.7397	248C	-.5053	305A	.6714		
105A	.5775	147C	-1.0978	206A	.4325	249C	-.3636	307A	.1679		
106A	.4069	148C	-.3836	207A	.0314	250C	-.2643	345E	-.1363		
107A	.0399	149C	-.6738	242B	-.0563	264D	.0968	344E	-.1803		
142B	.2307	150C	-.4707	241B	-.0563	263D	.2307	343E	-.1900		
141B	.2936	151C	-.3536	240B	-.1629	262D	.2389	342E	-.2230		
140B	.1815	166D	.1159	239B	-.3132	261D	.1789	341E	-.2548		
139B	.1542	165D	.3974	238B	-.3706	256D	-.1517	340E	-.2903		
138B	.1023	164D	.4576	237B	-.4883	257D	-.3168	339E	-.2279		
137B	.4466	158D	.0893	236B	-.5274	258D	-.2766	338E	-.3771		
136B	-.1984	159D	.1284	235B	-.5299	259D	-.1383	337E	-.4394		
135B	-.3979	160D	-.5187	234B	-.5213	260D	-.0524	336E	-.4822		
134B	-.5072	161D	-.1606	233B	-.5323			335E	-.5017		
133B	-.5592	162D	-.1204	232B	-.5335			334E	-.5225		
132B	-.5974			231B	-.5274			333E	-.5213		
131B	-.6056			230B	-.5311			332E	-.5213		
130B	-.6302			215B	-.5299			331E	-.5250		
115B	-.8380			216B	-.5830			314E	-.5152		
116B	-.7537			217B	-.2076			315E	-.5062		
117B	.3301			218B	-.1990			316E	-.5404		
118B	-.5148			219B	-.5489			317E	-.0113		
119B	-.8817			220B	-.6001			318E	-.3612		
120B	-.8305			222B	-.4752			319E	-.3782		
121B	-.5979			223B	-.4707			320E	-.3526		
122B	-.5321			224B	-.4897			321E	-.3379		
123B	-.5198			225B	-.4797			322E	-.3502		
124B	-.5165			226B	-.6225			323E	-.3563		
125B	-.5399			227B	-.5673			324E	-.3502		
126B	-.5366			228B	-.6013			325E	-.3771		
127B	-.5466			229B	-.6214			326E	-.3807		

TABLE 179 .- TABULATED PRESSURE DATA FOR RUN 48 AT ALPHA = .214 DEGREES AND QINF = 2.89 KN/SQM ( 60.30 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
114A	-.3452	128B	-.6674	214A	-.3595	255C	.3119	313A	-.3889	327E	-.2676	
113A	-.3835	129B	-.6049	213A	-.3460	254C	.4296	312A	-.4060	328E	-.1721	
112A	-.4054	157C	.1887	212A	-.3362	253C	.4433	311A	-.4256	329E	-.1232	
111A	-.4410	156C	.3064	211A	-.3411	252C	.4625	310A	-.5769	330E	-.0962	
110A	-.5085	155C	.5035	210A	-.4316	251C	.4953	309A	-.5512			
109A	-.4999	154C	.5829	209A	-.4145	243C	.3584	308A	-.5341			
108A	-.6795	153C	.6678	208A	-.5170	244C	.0859	301A	-.6538			
101A	-.2349	152C	-.0824	201A	-.3974	245C	-.4081	302A	.1583			
102A	.5430	144C	.2215	202A	.6797	246C	-.8976	303A	.7139			
103A	.6968	145C	-.6473	203A	.6626	247C	-.9306	304A	.5943			
104A	.5515	146C	-1.2743	204A	.4831	248C	-.6696	305A	.4318			
105A	.3122	147C	-1.2273	206A	.0984	249C	-.4942	307A	-.1067			
106A	.0899	148C	-.9423	207A	-.3033	250C	-.3522	345E	.1781			
107A	-.2264	149C	-.6965	242B	.4597	264D	.0600	344E	.1952			
142B	.5063	150C	-.4942	241B	.3858	263D	.3913	343E	.1915			
141B	.4022	151C	-.3712	240B	.3037	262D	.4460	342E	.1646			
140B	.4050	166D	.0491	239B	.2955	261D	.4570	341E	.1266			
139B	.4022	165D	.4296	238B	.2571	256D	.4201	340E	.0728			
138B	.3584	164D	.5063	237B	.2001	257D	-.4573	339E	-.0558			
137B	.3146	158D	.3038	236B	.1891	258D	-.5098	338E	-.0068			
136B	.1230	159D	-.1153	235B	.1058	259D	-.3288	337E	.0213			
135B	.1613	160D	-.6328	234B	-.1244	260D	-.1376	336E	-.0032			
134B	.0545	161D	-.1801	233B	-.4183			335E	-.2517			
133B	-.5013	162D	-.1589	232B	-.4734			334E	-.5530			
122B	-.5506			231B	-.4672			333E	-.5946			
131B	-.5122			230B	-.5799			332E	-.6019			
130B	-.5314			215B	-.6864			331E	-.6742			
115B	-.5177			216B	-.7564			314E	-.7317			
116B	-.5427			217B	-1.0556			315E	-.7222			
117B	-.7051			218B	-1.2266			316E	-.7735			
118B	-1.2009			219B	-1.2864			317E	-.8761			
119B	-1.5001			220B	-1.4061			318E	-.9103			
120B	-1.4403			222B	-.8395			319E	-.9274			
121B	-1.0429			223B	-.7613			320E	-.7393			
122B	-.8261			224B	-.7345			321E	-.6240			
123B	-.7635			225B	-.6965			322E	-.5481			
124B	-.7032			226B	-.7769			323E	-.4966			
125B	-.6864			227B	-.7289			324E	-.4354			
126B	-.6696			228B	-.7479			325E	-.4023			
127B	-.6462			229B	-.7602			326E	-.3448			
*****												



TABLE 180 .- TABULATED PRESSURE DATA FOR RUN 48 AT ALPHA = 4.284 DEGREES AND QINF = 2.88 KN/SQM ( 60.24 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
114A	-.1326	128B	-.6957	214A	-.4379	255C	.3607	313A	-.5004	327E	-.2994	
113A	-.2093	129B	-.7729	213A	-.5482	254C	.5361	312A	-.6205	328E	-.2540	
112A	-.3655	157C	.2291	212A	-.5604	253C	.5690	311A	-.5947	329E	-.2356	
111A	-.1956	156C	.3442	211A	-.5285	252C	.6210	310A	-.6552	330E	-.1842	
110A	-.4756	155C	.5416	210A	-.6467	251C	.6704	309A	-.6809			
109A	-.6125	154C	.6155	209A	-.7408	243C	.6265	308A	-.8863			
108A	-.4413	153C	.7060	208A	-.5012	244C	.1400	301A	-.7237			
101A	.3202	152C	-.0175	201A	-.1419	245C	-.4093	302A	.5769			
102A	.7566	144C	.2593	202A	.7223	246C	-.9921	303A	.7309			
103A	.5683	145C	-.6118	203A	.4143	247C	-.8903	304A	.4143			
104A	.2175	146C	-1.2047	204A	.1662	248C	-.7002	305A	.2175			
105A	-.0392	147C	-1.1745	206A	-.2360	249C	-.5077	307A	-.4071			
106A	-.2274	148C	-.8791	207A	-.6723	250C	-.3646	345E	.1970			
107A	-.5354	149C	-.6409	242B	.6238	264D	.0565	344E	.2436			
142B	.5333	150C	-.4585	241B	.4210	263D	.4593	343E	.2473			
141B	.4676	151C	-.3478	240B	.3744	262D	.5361	342E	.2338			
140B	.4648	166D	.0428	239B	.3634	261D	.5141	341E	.1811			
139B	.4566	165D	.4429	238B	.3059	256D	.6098	340E	.1186			
138B	.4182	164D	.5306	237B	.2031	257D	-.5335	339E	-.1143			
137B	.3278	158D	.3380	236B	.2129	258D	-.5894	338E	-.0187			
135B	.1689	159D	-.1006	235B	.2583	259D	-.3981	337E	.0132			
135B	.1771	160D	-.5118	234B	.3809	260D	-.1744	336E	.1075			
134B	.2922	161D	-.1509	233B	.5647			335E	.2571			
133B	.6978	162D	-.1542	232B	.6395			334E	.5034			
132B	-.2367			231B	-.1719			333E	.5402			
131B	-.6012			230B	-2.1231			332E	-.3778			
130B	-1.0150			215B	-2.5238			331E	-1.4931			
115B	-.7629			216B	-1.5649			314E	-2.3559			
116B	-.7066			217B	-1.8788			315E	-1.5622			
117B	-1.4253			218B	-2.1184			316E	-1.3996			
118B	-2.0414			219B	-1.8617			317E	-1.5622			
119B	-2.2125			220B	-2.1355			318E	-1.4253			
120B	-1.9543			222B	-1.1152			319E	-1.6050			
121B	-1.4150			223B	-1.0011			320E	-1.0146			
122B	-1.0894			224B	-.9395			321E	-.8190			
123B	-.9530			225B	-.8713			322E	-.7050			
124B	-.8702			226B	-.9239			323E	-.6143			
125B	-.7964			227B	-.8422			324E	-.5016			
126B	-.7348			228B	-.8243			325E	-.4342			
127B	-.7013			229B	-.8176			326E	-.3655			
*****												

TABLE 101 .- TABULATED PRESSURE DATA FOR RUN 48 AT ALPHA = 8.348 DEGREES AND QINF = 2.88 KN/SQM ( 60.16 LB/ SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.2386	128B	-.6960	* 214A	-.4437	255C	.3844	* 313A	-.5407	327E	-.3246
* 113A	-.3209	129B	-.7430	* 213A	-.4952	254C	.5546	* 312A	-.5431	328E	-.2829
* 112A	-.4060	157C	.2472	* 212A	-.5173	253C	.5765	* 311A	-.5026	329E	-.2731
* 111A	-.3374	156C	.3652	* 211A	-.4744	252C	.6204	* 310A	-.4264	330E	-.2473
* 110A	-.3321	155C	.5546	* 210A	-.3492	251C	.6671	* 309A	-.3921		
* 109A	-.2121	154C	.6314	* 209A	-.2978	243C	.6506	* 308A	-.2293		
* 108A	.1992	153C	.7165	* 208A	.3277	244C	.1599	* 301A	.2163		
* 101A	.6533	152C	.0029	* 201A	.3363	245C	-.4349	* 302A	.7476		
* 102A	.5933	144C	.3268	* 202A	.2163	246C	-1.0410	* 303A	.2077		
* 103A	.0107	145C	-.5727	* 203A	-.2121	247C	-.9044	* 304A	-.2293		
* 104A	-.3921	146C	-1.1743	* 204A	-.4778	248C	-.7105	* 305A	-.3492		
* 105A	-.5463	147C	-1.1351	* 206A	-.7263	249C	-.5033	* 307A	-.9491		
* 106A	-.7434	148C	-.8248	* 207A	-1.1461	250C	-.3599	* 345E	.1786		
* 107A	-.9491	149C	-.5996	* 242B	.6726	264D	.0496	* 344E	.2289		
* 142B	.5518	150C	-.4181	* 241B	.4695	263D	.4722	* 343E	.2338		
* 141B	.4887	151C	-.3128	* 240B	.4228	262D	.5491	* 342E	.2253		
* 140B	.4997	166D	.0523	* 239B	.4146	261D	.5408	* 341E	.1786		
* 139B	.4887	165D	.4558	* 238B	.3542	256D	.6002	* 340E	.1271		
* 138B	.4503	164D	.5436	* 237B	.2915	257D	-.5066	* 339E	-.0816		
* 137B	.3432	159D	.3560	* 236B	.3026	258D	-.5716	* 338E	.0362		
* 136B	.2339	159D	-.0888	* 235B	.3578	259D	-.3834	* 337E	.0878		
* 135B	.2691	160D	-.5783	* 234B	.4781	260D	-.1306	* 336E	.1835		
* 134B	.3625	161D	-.1190	* 233B	.6217			* 335E	.3320		
* 133B	.6177	162D	-.1470	* 232B	.7813			* 334E	.4977		
* 132B	.6643			* 231B	.4965			* 333E	.7408		
* 131B	-.2688			* 230B	-1.6171			* 332E	.5947		
* 130B	-1.5834			* 215B	-3.8817			* 331E	-.4805		
* 115B	-1.6712			* 216B	-2.5086			* 314E	-3.3882		
* 116B	-1.2490			* 217B	-3.2627			* 315E	-2.5600		
* 117B	-2.4229			* 218B	-3.1513			* 316E	-2.4743		
* 118B	-3.0313			* 219B	-2.6114			* 317E	-2.4658		
* 119B	-2.9627			* 220B	-3.1770			* 318E	-2.1573		
* 120B	-2.5943			* 222B	-1.4242			* 319E	-2.3458		
* 121B	-1.7692			* 223B	-1.2203			* 320E	-1.4032		
* 122B	-1.3133			* 224B	-1.1206			* 321E	-1.0623		
* 123B	-1.1094			* 225B	-1.0209			* 322E	-.9015		
* 124B	-.9783			* 226B	-1.0444			* 323E	-.7886		
* 125B	-.8719			* 227B	-.9279			* 324E	-.6229		
* 126B	-.7677			* 228B	-.8898			* 325E	-.5272		
* 127B	-.7173			* 229B	-.8595			* 326E	-.4130		

TABLE 102 .- TABULATED PRESSURE DATA FOR RUN 48 AT ALPHA = 12.332 DEGREES AND QINF = 2.89 KN/SQM ( 60.43 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
114A	-.0418	128B	-.6638	214A	-.1012	255C	.3981	313A	-.3223	327E	-.4311	
113A	-.2111	129B	-.6883	213A	-.3162	254C	.5593	312A	-.3370	328E	-.4127	
112A	-.3013	157C	.2670	212A	-.3553	253C	.5948	311A	-.3003	329E	-.3883	
111A	-.2030	156C	.3735	211A	-.2673	252C	.6467	310A	-.0275	330E	-.3419	
110A	-.0190	155C	.5620	210A	.0919	251C	.6877	309A	.1516			
109A	.2540	154C	.6358	209A	.3649	243C	.6658	308A	.4672			
108A	.5866	153C	.7260	208A	.7402	244C	.1994	301A	.6890			
101A	.6378	152C	.0293	201A	.4160	245C	-.3883	302A	.1857			
102A	-.0361	144C	.3544	202A	-.9744	246C	-.9950	303A	-.8294			
103A	-.7014	145C	-.4998	203A	-1.4180	247C	-.8456	304A	-1.0512			
104A	-1.1194	146C	-1.0876	204A	-1.2985	248C	-.6370	305A	-1.0256			
105A	-1.2303	147C	-1.0497	206A	-1.3326	249C	-.4541	307A	-1.5374			
106A	-1.3326	148C	-.7564	207A	-1.7250	250C	-.3370	345E	.1444			
107A	-1.4691	149C	-.5400	242B	.7096	264D	.0457	344E	.2092			
142B	.5839	150C	-.3816	241B	.5183	263D	.4883	343E	.2141			
141B	.5128	151C	-.2768	240B	.4664	262D	.5566	342E	.2104			
140B	.5156	166D	.0566	239B	.4582	261D	.5456	341E	.1713			
139B	.5074	165D	.4609	238B	.4282	256D	.5875	340E	.1285			
138B	.4828	164D	.5456	237B	.3741	257D	-.4809	339E	-.0523			
137B	.3762	158D	.3667	236B	.3912	258D	-.5500	338E	.0809			
136B	.3189	159D	-.0749	235B	.4621	259D	-.3682	337E	.1615			
135B	.3653	160D	-.5433	234B	.5709	260D	-.1920	336E	.2654			
134B	.4582	161D	-.0984	233B	.6808			335E	.4096			
133B	.6440	162D	-.1407	232B	.7798			334E	.5672			
132B	.7041			231B	.5037			333E	.7370			
131B	.1795			230B	-1.4147			332E	.6063			
130B	-1.3941			215B	-3.7448			331E	-.2539			
115B	-1.8722			216B	-3.2519			314E	-3.5664			
116B	-1.7421			217B	-4.4035			315E	-3.2861			
117B	-3.3799			218B	-4.0708			316E	-3.4311			
118B	-4.0111			219B	-3.3543			317E	-3.2264			
119B	-3.7638			220B	-3.8405			318E	-2.7316			
120B	-3.0899			222B	-1.6430			319E	-2.8681			
121B	-2.0891			223B	-1.4110			320E	-1.6739			
122B	-1.5002			224B	-1.2705			321E	-1.2705			
123B	-1.2214			225B	-1.1077			322E	-1.0457			
124B	-1.0541			226B	-1.0920			323E	-.8893			
125B	-.9036			227B	-.9459			324E	-.6657			
126B	-.7720			228B	-.8790			325E	-.5618			
127B	-.7084			229B	-.8222			326E	-.4787			
*****												

TABLE 163 .- TABULATED PRESSURE DATA FOR RUN 48 AT ALPHA = 14.449 DEGREES AND QINF = 2.89 KN/SQM ( 60.32 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.0247	128B	-.6067	214A	.1059	255C	.4132	313A	-.1903	327E	-.6505
113A	-.1342	129B	-.6380	213A	-.2466	254C	.5719	312A	-.2160	328E	-.5857
112A	-.2355	157C	.2517	212A	-.2674	253C	.6047	311A	-.1903	329E	-.5257
111A	-.1424	156C	.3721	211A	-.2013	252C	.6485	310A	.1156	330E	-.4633
110A	.1327	155C	.5610	210A	.2524	251C	.6869	309A	.3549		
109A	.4745	154C	.6130	209A	.5258	243C	.6704	308A	.6882		
108A	.7394	153C	.7005	208A	.7651	244C	.2156	301A	.7480		
101A	.5258	152C	.0327	201A	.4745	245C	-.3676	302A	-.3202		
102A	-.4313	144C	.3858	202A	-1.4652	246C	-.9597	303A	-1.4396		
103A	-1.1918	145C	-.4480	203A	-2.0036	247C	-.8089	304A	-1.4823		
104A	-1.5848	146C	-1.0167	204A	-1.7814	248C	-.6067	305A	-1.3285		
105A	-1.2259	147C	-.9765	206A	-1.6874	249C	-.4380	307A	-1.7472		
106A	-1.2858	148C	-.7039	207A	-2.0292	250C	-.3330	345E	.1071		
107A	-1.4054	149C	-.5732	242B	.7279	264D	.0327	344E	.1769		
142B	.5746	150C	-.4950	241B	.5199	263D	.4925	343E	.1891		
141B	.5035	151C	-.4391	240B	.4652	262D	.5610	342E	.1879		
140B	.5062	166D	.0327	239B	.4624	261D	.5664	341E	.1561		
139B	.4980	165D	.4542	238B	.4405	256D	.5865	340E	.1194		
138B	.4706	164D	.5473	237B	.3899	257D	-.4681	339E	-.0520		
137B	.4104	158D	.2714	236B	.4205	258D	-.5463	338E	.1010		
136B	.3311	159D	-.1263	235B	.4915	259D	-.3687	337E	.1891		
135B	.3721	160D	-.7988	234B	.6004	260D	-.2067	336E	.2981		
134B	.4816	161D	-.1576	233B	.7093			335E	.4425		
133B	.6622	162D	-.3877	232B	.7816			334E	.5869		
132B	.7142			231B	.5037			333E	.7338		
131B	.2490			230B	-1.3507			332E	.6016		
130B	-1.2289			215B	-3.6946			331E	-.1927		
115B	-1.7024			216B	-3.6100			314E	-3.5563		
116B	-1.6788			217B	-4.7722			315E	-3.5331		
117B	-3.1315			218B	-4.4475			316E	-3.7382		
118B	-3.6528			219B	-3.6613			317E	-3.5331		
119B	-3.3964			220B	-4.0800			318E	-2.9862		
120B	-2.7213			222B	-1.7139			319E	-2.9948		
121B	-2.1540			223B	-1.4658			320E	-1.6959		
122B	-1.5071			224B	-1.2938			321E	-1.2209		
123B	-1.1943			225B	-1.1251			322E	-1.0202		
124B	-1.0145			226B	-1.0837			323E	-.9235		
125B	-.8458			227B	-.9228			324E	-.8329		
126B	-.6782			228B	-.8535			325E	-.8047		
127B	-.5977			229B	-.7910			326E	-.7313		



TABLE 185.- TABULATED PRESSURE DATA FOR PUN 48 AT ALPHA = 20.475 DEGREES AND QINF = 2.89 KN/SQM ( 60.41 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.3771	128B	-.6817	214A	.5360	255C	.3306	313A	.1596	327E	-1.0225
113A	.0218	129B	-.7364	213A	.0251	254C	.5274	312A	-.0287	328E	-.9430
112A	-.1914	157C	.1256	212A	-.0935	253C	.5684	311A	.1131	329E	-.8904
111A	-.0083	156C	.2787	211A	.0251	252C	.6231	310A	.4312	330E	-.7535
110A	.3630	155C	.5001	210A	.5592	251C	.6613	309A	.6446		
109A	.6446	154C	.5985	209A	.7555	243C	.6969	308A	.7214		
108A	.6787	153C	.6914	208A	.3800	244C	.2154	301A	.3630		
101A	.0216	152C	.0436	201A	-.3795	245C	-.3303	302A	-1.4547		
102A	-1.3694	144C	.4071	202A	-3.3748	246C	-.9294	303A	-3.1870		
103A	-2.0264	145C	-.5121	203A	-3.2809	247C	-.7955	304A	-2.6665		
104A	-2.2313	146C	-1.1313	204A	-2.8371	248C	-.6817	305A	-2.3166		
105A	-2.0008	147C	-1.1503	206A	-2.0179	249C	-.6081	307A	-2.1630		
106A	-1.8984	148C	-.8323	207A	-2.3593	250C	-.5568	345E	.0129		
107A	-1.8216	149C	-.6884	242B	.7379	264D	-.2297	344E	.1021		
142B	.5274	150C	-.6137	241B	.5329	263D	.4099	343E	.1253		
141B	.5192	151C	-.5333	240B	.4481	262D	.5055	342E	.1424		
140B	.5192	166D	-.1723	239B	.4618	261D	.5329	341E	.1241		
139B	.5165	165D	.3771	238B	.4509	256D	.5121	340E	.0874		
138B	.4946	164D	.4919	237B	.3991	257D	-.7498	339E	-.0813		
137B	.4372	159D	.2064	236B	.4492	258D	-.8446	338E	.1009		
136B	.3853	159D	-.2067	235B	.5348	259D	-.6360	337E	.2207		
135B	.4536	160D	-.9328	234B	.6412	260D	-.5010	336E	.3539		
134B	.5711	161D	-.1841	233B	.7353			335E	.4871		
133B	.7078	162D	-.4742	232B	.7634			334E	.6118		
132B	.7133			231B	.5043			333E	.7182		
131B	.3552			230B	-1.0934			332E	.6045		
130B	-.9184			215B	-3.4488			331E	.0068		
115B	-1.5635			216B	-4.0574			314E	-2.5663		
116B	-1.9070			217B	-5.2095			315E	-3.9294		
117B	-3.7161			218B	-4.7145			316E	-2.9651		
118B	-4.2537			219B	-3.8441			317E	-2.5299		
119B	-3.8185			220B	-3.9124			318E	-1.7790		
120B	-2.8457			222B	-1.3790			319E	-1.4120		
121B	-1.8376			223B	-1.1347			320E	-1.0707		
122B	-1.2485			224B	-1.0343			321E	-1.1875		
123B	-1.0231			225B	-.9026			322E	-1.0237		
124B	-.8870			226B	-.8480			323E	-1.0200		
125B	-.7342			227B	-.7643			324E	-.9870		
126B	-.6717			228B	-.7520			325E	-1.0188		
127B	-.6616			229B	-.7297			326E	-1.0212		

TABLE 186 .- TABULATED PRESSURE DATA FOR RUN 48 AT ALPHA = 24.489 DEGREES AND QINF = 2.90 KN/SQM ( 60.53 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5846	1288	-.7418	* 214A	.6054	255C	.3036	* 313A	.3139	327E	-.8365
* 113A	.3609	129B	-.7852	* 213A	.2419	254C	.5082	* 312A	.1297	328E	-.8048
* 112A	-.1192	157C	.1154	* 212A	.1053	253C	.5600	* 311A	.1687	329E	-.7767
* 111A	.0718	156C	.2709	* 211A	.1870	252C	.6200	* 310A	.4994	330E	-.7584
* 110A	.5505	155C	.5109	* 210A	.6953	251C	.6555	* 309A	.6698		
* 109A	.6868	154C	.6091	* 209A	.7720	243C	.6982	* 308A	.6357		
* 108A	.4143	153C	.7046	* 208A	-.0541	244C	.2147	* 301A	.0821		
* 101A	-.7525	152C	.0636	* 201A	-1.1187	245C	-.3576	* 302A	-2.8475		
* 102A	-2.4302	144C	.3936	* 202A	-4.3379	246C	-1.0012	* 303A	-3.5033		
* 103A	-2.9668	145C	-.5692	* 203A	-3.8610	247C	-.8876	* 304A	-2.8986		
* 104A	-2.9838	146C	-1.2350	* 204A	-3.3756	248C	-.7763	* 305A	-2.1321		
* 105A	-2.5750	147C	-1.2629	* 206A	-2.0981	249C	-.7373	* 307A	-2.1236		
* 106A	-2.2769	148C	-.9277	* 207A	-2.2514	250C	-.6916	* 345E	.0370		
* 107A	-2.1492	149C	-.7863	* 242B	.7237	264D	-.3156	* 344E	.1272		
* 142B	.6173	150C	-.6872	* 241B	.5600	263D	.3773	* 343E	.1443		
* 141B	.5246	151C	-.6371	* 240B	.4455	262D	.4809	* 342E	.1590		
* 140B	.5273	166D	-.2146	* 239B	.4537	261D	.5218	* 341E	.1285		
* 139B	.5218	165D	.3691	* 238B	.4509	256D	.4619	* 340E	.1053		
* 138B	.5082	164D	.4809	* 237B	.4225	257D	-.9166	* 339E	-.0570		
* 137B	.4482	158D	.1568	* 236B	.4896	258D	-1.0068	* 338E	.1443		
* 136B	.4318	159D	-.3075	* 235B	.5676	259D	-.7774	* 337E	.2566		
* 135B	.5137	160D	-.9990	* 234B	.6664	260D	-.6415	* 336E	.3846		
* 134B	.6146	161D	-.2084	* 233B	.7531			* 335E	.5298		
* 133B	.7319	162D	-.5736	* 232B	.7567			* 334E	.6469		
* 132B	.7073			* 231B	.5335			* 333E	.7201		
* 131B	.3991			* 230B	-.8255			* 332E	.5823		
* 130B	-.7138			* 215B	-3.0177			* 331E	-.0374		
* 115B	-1.4284			* 216B	-3.6821			* 314E	-2.9762		
* 116B	-2.1236			* 217B	-4.6360			* 315E	-3.5033		
* 117B	-4.2868			* 218B	-3.9547			* 316E	-3.9547		
* 118B	-4.7126			* 219B	-2.7879			* 317E	-3.4948		
* 119B	-4.1846			* 220B	-2.7539			* 318E	-2.5580		
* 120B	-3.1030			* 222B	-1.1214			* 319E	-2.1407		
* 121B	-1.9332			* 223B	-1.0235			* 320E	-1.2635		
* 122B	-1.2940			* 224B	-.9511			* 321E	-1.0658		
* 123B	-1.0056			* 225B	-.8921			* 322E	-.9768		
* 124B	-.8353			* 226B	-.8542			* 323E	-.9219		
* 125B	-.7340			* 227B	-.7974			* 324E	-.8914		
* 126B	-.7084			* 228B	-.7963			* 325E	-.8962		
* 127B	-.7206			* 229B	-.7885			* 326E	-.8706		

TABLE 187 .- TABULATED PRESSURE DATA FOR RUN 48 AT ALPHA = 28.492 DEGREES AND QINF = 2.89 KN/SQM ( 60.42 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5608	128B	-.8498	* 214A	.6011	255C	.3094	* 313A	.4459	327E	-.8312
* 113A	.6455	129B	-.8722	* 213A	.4911	254C	.5143	* 312A	.3115	328E	-.8104
* 112A	-.0158	157C	.0826	* 212A	.3139	253C	.5635	* 311A	.3286	329E	-.7994
* 111A	.1727	156C	.2547	* 211A	.3493	252C	.6264	* 310A	.6168	330E	-.7738
* 110A	.6765	155C	.5061	* 210A	.7448	251C	.6592	* 309A	.7362		
* 109A	.6850	154C	.6127	* 209A	.6339	243C	.6974	* 308A	.4718		
* 108A	.1049	153C	.7029	* 208A	-.8422	244C	.2221	* 301A	-.4582		
* 101A	-1.5247	152C	.0826	* 201A	-2.5315	245C	-.3724	* 302A	-4.1099		
* 102A	-3.6577	144C	.3859	* 202A	-5.9187	246C	-1.0272	* 303A	-4.5109		
* 103A	-3.9478	145C	-.5844	* 203A	-4.9801	247C	-.9402	* 304A	-3.6577		
* 104A	-3.7942	146C	-1.3105	* 204A	-3.3761	248C	-.8253	* 305A	-2.1731		
* 105A	-2.8984	147C	-1.2804	* 206A	-2.4035	249C	-.7818	* 307A	-2.1220		
* 106A	-2.6168	148C	-1.0127	* 207A	-2.4120	250C	-.7316	* 345E	.0389		
* 107A	-2.3950	149C	-.9000	* 242B	.7247	264D	-.3219	* 344E	.1391		
* 142B	.6154	150C	-.8643	* 241B	.6400	263D	.3886	* 343E	.1648		
* 141B	.5335	151C	-.8387	* 240B	.4925	262D	.4925	* 342E	.1795		
* 140B	.5307	166D	-.3219	* 239B	.5007	261D	.5416	* 341E	.1538		
* 139B	.5335	165D	.3531	* 238B	.4952	256D	.4330	* 340E	.1318		
* 138B	.5225	164D	.4952	* 237B	.4654	257D	-.9357	* 339E	-.0234		
* 137B	.4624	158D	.0582	* 236B	.5339	258D	-1.0752	* 338E	.1844		
* 136B	.4815	159D	-.4293	* 235B	.6145	259D	-.8498	* 337E	.3017		
* 135B	.5690	160D	-1.2782	* 234B	.7001	260D	-.6914	* 336E	.4337		
* 134B	.6701	161D	-.2475	* 233B	.7612			* 335E	.5620		
* 133B	.7630	162D	-.7394	* 232B	.7355			* 334E	.6585		
* 132B	.7138			* 231B	.5253			* 333E	.7062		
* 131B	.4569			* 230B	-.7151			* 332E	.5779		
* 130B	-.5022			* 215B	-2.9467			* 331E	.0475		
* 115B	-1.4122			* 216B	-3.7771			* 314E	-2.6583		
* 116B	-2.3608			* 217B	-4.6389			* 315E	-3.2055		
* 117B	-4.6815			* 218B	-3.9478			* 316E	-3.6492		
* 118B	-4.9972			* 219B	-2.7618			* 317E	-3.0775		
* 119B	-4.4256			* 220B	-2.4718			* 318E	-2.0878		
* 120B	-3.1799			* 222B	-1.0841			* 319E	-1.4650		
* 121B	-1.8660			* 223B	-1.0160			* 320E	-1.0640		
* 122B	-1.1923			* 224B	-.9435			* 321E	-.9791		
* 123B	-.8610			* 225B	-.9101			* 322E	-.9669		
* 124B	-.7528			* 226B	-.8777			* 323E	-.9009		
* 125B	-.7394			* 227B	-.8286			* 324E	-.8593		
* 126B	-.7807			* 228B	-.8141			* 325E	-.8642		
* 127B	-.8242			* 229B	-.8119			* 326E	-.8422		



TABLE 188.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 48

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.966	-.13157	.33099	.15784	.04579	-.14373	.08274	.10462	.04051	-.13496	-.03344
.214	-.09022	.78509	.18504	.05655	-.09583	.76250	.20358	.07540	-.10642	.37009
4.284	-.05141	1.15107	.18370	.05692	-.06372	1.24601	.23438	.08912	-.11405	.77271
8.348	-.00220	1.42026	.17994	.05667	.00347	1.63456	.23873	.08974	-.04051	1.08793
12.332	.09444	1.64371	.17251	.05578	.15250	1.90988	.23141	.09028	.09026	1.31706
14.449	.12681	1.58220	.17463	.07284	.22786	1.99515	.22809	.09133	.15803	1.45549
16.402	.15129	1.51513	.17572	.06594	.29999	2.05733	.21842	.09226	.21856	1.56957
20.475	.23906	1.59036	.18750	.07237	.38189	1.88328	.23235	.11346	.33643	1.38252
24.489	.34162	1.68683	.20300	.07917	.45102	1.67671	.24790	.12661	.37217	1.44886
28.492	.43046	1.73050	.21986	.09048	.52570	1.68318	.25656	.13401	.44996	1.36801

TABLE 129.- AXIAL-CHOPD FORCE COEFFICIENT FOR RUN 48

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.966	-.01849	-.03951	-.00563	.00050	-.00376	-.00201	-.00342	-.00339	-.01142	-.01531
.214	-.00543	-.06080	-.00308	-.00018	-.00179	-.05834	.01394	-.00190	-.01094	-.06362
4.284	.00872	-.08592	-.00288	-.00005	.01012	-.11477	.01764	-.00157	-.00466	-.11237
8.348	.04242	-.14917	-.00269	.00004	.03661	-.17814	.01764	-.00143	.02728	-.16598
12.332	.05999	-.19879	-.00225	.00014	.04609	-.22351	.01738	-.00125	.04860	-.20653
14.449	.05797	-.18211	.00038	-.00029	.04865	-.24212	.01739	-.00111	.05108	-.21009
16.402	.05831	-.19691	.00154	-.00086	.04089	-.26326	.01771	-.00111	.04672	-.20794
20.475	.05520	-.20772	.00169	-.00110	.01898	-.26479	.02316	-.00232	.04362	-.13715
24.489	.03732	-.22783	.00217	-.00165	-.00929	-.21738	.02637	-.00313	.02306	-.18255
28.492	.01329	-.24209	.00451	-.00274	-.05932	-.21727	.02766	-.00319	-.00102	-.15594

TABLE 196 .- PITCHING-MOMENT COEFFICIENT FOR RUN 48

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.966	.00250	-.21075	-.01092	-.00191	.01008	-.07162	-.01101	-.00200	.01006	-.01290
.214	.00498	-.36654	-.01243	-.00216	.00595	-.34231	-.01982	-.00357	.00727	-.17853
4.224	.00179	-.45462	-.01237	-.00213	.00434	-.46083	-.02243	-.00424	.00686	-.26538
8.349	-.00145	-.51253	-.01208	-.00219	-.00136	-.55333	-.02285	-.00431	.00139	-.32979
12.332	-.00752	-.55840	-.01161	-.00217	-.01120	-.61734	-.02205	-.00441	-.00750	-.39077
14.449	-.00823	-.53591	-.01229	-.00312	-.01659	-.63102	-.02183	-.00449	-.01167	-.45865
16.402	-.01025	-.50690	-.01226	-.00270	-.02113	-.63587	-.02099	-.00455	-.01581	-.52127
20.475	-.01613	-.52807	-.01296	-.00303	-.02613	-.56893	-.02293	-.00564	-.02376	-.52176
24.489	-.02207	-.55274	-.01408	-.00334	-.02986	-.54072	-.02477	-.00634	-.02489	-.49528
28.492	-.02656	-.56824	-.01565	-.00390	-.03357	-.55379	-.02574	-.00676	-.02847	-.48967

TABLE 191 .- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 48 OF TEST 218

MACH	Q,KPA (PSF)	ALPHA,DEG	CL	CD	CPM	CRM	CYM	CSF
.203	2.89 (60.29)	-5.94	-.0265	.1494	-.2150	.0029	.0023	-.0140
.203	2.89 (60.35)	-3.97	.2210	.1229	-.2212	.0025	.0022	-.0068
.203	2.89 (60.38)	-1.84	.4989	.1062	-.2590	.0014	.0008	-.0023
.203	2.88 (60.25)	.21	.8590	.0979	-.3081	.0014	.0017	-.0042
.203	2.89 (60.31)	2.21	1.1099	.1088	-.3025	-.0004	.0022	-.0019
.203	2.88 (60.19)	4.28	1.3560	.1221	-.2851	.0002	.0024	-.0020
.203	2.89 (60.30)	6.31	1.5580	.1420	-.2685	-.0008	.0021	-.0022
.203	2.88 (60.11)	8.35	1.7600	.1676	-.2403	-.0023	.0015	.0027
.203	2.87 (59.90)	10.38	1.9295	.1961	-.2163	-.0043	.0009	.0024
.203	2.89 (60.38)	12.33	2.1149	.2262	-.1755	-.0055	.0009	.0043
.203	2.89 (60.29)	13.47	2.1965	.2410	-.1589	-.0058	.0010	.0026
.203	2.89 (60.27)	14.45	2.1988	.2743	-.1625	-.0134	-.0012	.0182
.203	2.88 (60.25)	15.39	2.2297	.2963	-.1570	-.0159	-.0022	.0225
.203	2.89 (60.29)	16.40	2.2725	.3178	-.1303	-.0148	.0001	.0183
.203	2.89 (60.36)	17.46	2.2307	.3601	-.1503	-.0075	.0007	.0047
.203	2.88 (60.19)	18.48	2.2612	.3899	-.1271	-.0155	-.0026	.0084
.203	2.89 (60.35)	20.47	2.2675	.4626	-.0532	-.0269	-.0106	.0181
.203	2.89 (60.30)	22.48	2.2862	.5295	-.0068	-.0353	-.0154	.0201
.204	2.90 (60.48)	24.49	2.2845	.6030	.0716	-.0258	-.0123	.0098
.203	2.89 (60.41)	26.55	2.2232	.6758	.1287	-.0087	-.0007	.0040
.203	2.89 (60.37)	28.49	2.2625	.7492	.1598	-.0090	-.0004	.0053



WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.4015	128B	-.6770	214A	-.3512	255C	.3358	313A	-.4308	327E	-.2899
113A	-.3905	129B	-.8113	213A	-.3401	254C	.4619	312A	-.4529	328E	-.1906
112A	-.4070	157C	.1988	212A	-.3364	253C	.4646	311A	-.4750	329E	-.1268
111A	-.4316	156C	.3166	211A	-.3340	252C	.4893	310A	-.5786	330E	-.0680
110A	-.4930	155C	.5139	210A	-.3818	251C	.5139	309A	-.5957		
109A	-.4673	154C	.5907	209A	-.3732	243C	.3851	308A	-.5957		
108A	-.6128	153C	.6784	208A	-.5016	244C	.0782	301A	-.6898		
101A	-.1849	152C	-.0671	201A	-.5016	245C	-.4186	302A	.2173		
102A	.6109	144C	.2344	202A	.7050	246C	-.8896	303A	.7906		
103A	.7649	145C	-.6524	203A	.7307	247C	-.8437	304A	.6708		
104A	.5852	146C	-1.2846	204A	.5596	248C	-.6782	305A	.4997		
105A	.3627	147C	-1.2253	206A	.1574	249C	-.4991	307A	-.0556		
106A	.1488	148C	-.9332	207A	-.2192	250C	-.3548	345E	.1882		
107A	-.1593	149C	-.6837	242B	.4728	264D	.0699	344E	.2127		
142B	.5249	150C	-.4857	241B	.3988	263D	.3961	343E	.2115		
141B	.4153	151C	-.3682	240B	.3029	262D	.4482	342E	.1894		
140B	.4153	166D	.0507	239B	.2892	261D	.4646	341E	.1465		
139B	.4125	165D	.4345	238B	.2536	256D	.4351	340E	.0913		
138B	.3714	164D	.5249	237B	.2041	257D	-.4577	339E	.0411		
137B	.3468	158D	.3176	236B	.1882	258D	-.5226	338E	-.0018		
136B	.1275	159D	.2628	235B	.0705	259D	-.3336	337E	.0619		
135B	.1768	160D	-.6379	234B	-.2396	260D	-.1456	336E	.0901		
134B	.0206	161D	-.1780	233B	-.4296			335E	-.1906		
133B	-.4782	162D	-.1624	232B	-.4578			334E	-.6257		
132B	-.5139			231B	-.4492			333E	-.6870		
131B	-.4919			230B	-.5706			332E	-.6670		
130B	-.5166			215B	-.6919			331E	-.7348		
115B	-.5029			216B	-.7069			314E	-.7532		
116B	-.4930			217B	-.9808			315E	-.6813		
117B	-.6385			218B	-1.1776			316E	-.7583		
119B	-1.1605			219B	-1.2717			317E	-.8781		
119B	-1.4429			220B	-1.3573			318E	-.9209		
120B	-1.3916			222B	-.8225			319E	-.9551		
121B	-1.0116			223B	-.7632			320E	-.7497		
122B	-.8247			224B	-.7296			321E	-.6245		
123B	-.7643			225B	-.7039			322E	-.5497		
124B	-.7140			226B	-.7733			323E	-.5191		
125B	-.7016			227B	-.7285			324E	-.4517		
126B	-.6647			228B	-.7498			325E	-.4308		
127B	-.6547			229B	-.7654			326E	-.3757		

TABLE 194 .- TABULATED PRESSURE DATA FOR RUN 47 AT ALPHA = 4.253 DEGREES AND QINF = 2.89 KN/SQM ( 60.38 LB/SQFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.1438	128B	-.6886	214A	-.4543	255C	.3648	313A	-.5044	327E	-.3222
113A	-.1493	129B	-.7802	213A	-.5338	254C	.5152	312A	-.6658	328E	-.2537
112A	-.3598	157C	.2172	212A	-.5631	253C	.5509	311A	-.6255	329E	-.2293
111A	-.2039	156C	.3320	211A	-.4971	252C	.6109	310A	-.6858	330E	-.1779
110A	-.4979	155C	.5344	210A	-.6516	251C	.6547	309A	-.7028		
109A	-.6175	154C	.6191	209A	-.6516	243C	.6027	308A	-.9675		
108A	-.4296	153C	.7039	208A	-.4040	244C	.1418	301A	-.6858		
101A	.2961	152C	-.0536	201A	-.0198	245C	-.4129	302A	.6119		
102A	.7315	144C	.2390	202A	.7485	246C	-.9945	303A	.6546		
103A	.5693	145C	-.6071	203A	.4327	247C	-.8862	304A	.3302		
104A	.2534	146C	-1.2010	204A	.1509	248C	-.7076	305A	.1509		
105A	-.0711	147C	-1.1697	206A	-.2589	249C	-.5078	307A	-.4553		
106A	-.2247	148C	-.8728	207A	-.6943	250C	-.3627	345E	.2159		
107A	-.5321	149C	-.6440	242B	.6191	264D	.0449	344E	.2673		
142B	.5289	150C	-.4520	241B	.4222	263D	.4551	343E	.2721		
141B	.4523	151C	-.3393	240B	.3894	262D	.5234	342E	.2599		
140B	.4523	166D	.0394	239B	.3676	261D	.5097	341E	.2024		
139B	.4441	165D	.4386	238B	.3047	256D	.6151	340E	.1303		
128B	.4168	164D	.5316	237B	.2024	257D	-.5324	339E	.0594		
137B	.3676	158D	.3472	236B	.2086	258D	-.5882	338E	.0080		
136B	.1789	159D	.2836	235B	.2587	259D	-.3973	337E	.0349		
135B	.1734	160D	-.6228	234B	.3773	260D	-.1807	336E	.1264		
134B	.2883	161D	-.1629	233B	.5754			335E	.2648		
133B	.6929	162D	-.1651	232B	.7613			334E	.4739		
132B	-.2969			231B	-.0703			333E	.7503		
131B	-.6141			230B	-2.1468			332E	.0496		
130B	-.9778			215B	-2.4868			331E	-1.4864		
115B	-.7235			216B	-1.4285			314E	-2.4452		
116B	-.7541			217B	-1.9408			315E	-2.0262		
117B	-1.4798			218B	-2.0603			316E	-1.3090		
118B	-2.0945			219B	-1.9152			317E	-1.5993		
119B	-2.1884			220B	-2.1372			318E	-1.4712		
120B	-1.9750			222B	-1.1173			319E	-1.7186		
121B	-1.3963			223B	-1.0079			320E	-1.0614		
122B	-1.0838			224B	-.9420			321E	-.8933		
123B	-.9554			225B	-.8594			322E	-.7784		
124B	-.8639			226B	-.9297			323E	-.6817		
125B	-.7958			227B	-.8315			324E	-.5668		
126B	-.7288			228B	-.8282			325E	-.5020		
127B	-.6987			229B	-.8170			326E	-.4090		
*****											

TABLE 195.- TABULATED PRESSURE DATA FOR RUN 47 AT ALPHA = 8.317 DEGREES AND QINF = 2.88 KN/SQM ( 60.25 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.2504	128B	-.7035	* 214A	-.4464	255C	.3908	* 313A	-.5212	327E	-.3667
* 113A	-.3354	129B	-.7449	* 213A	-.5089	254C	.5497	* 312A	-.5236	328E	-.2908
* 112A	-.4066	157C	.2374	* 212A	-.5101	253C	.5689	* 311A	-.4746	329E	-.2663
* 111A	-.3463	156C	.3552	* 211A	-.4905	252C	.6210	* 310A	-.3386	330E	-.2393
* 110A	-.3301	155C	.5470	* 210A	-.3215	251C	.6758	* 309A	-.3215		
* 109A	-.1333	154C	.6292	* 209A	-.2189	243C	.6484	* 308A	-.1504		
* 108A	.2004	153C	.7032	* 208A	.3886	244C	.1567	* 301A	.3373		
* 101A	.6624	152C	-.0202	* 201A	.2859	245C	-.4339	* 302A	.7308		
* 102A	.5683	144C	.3223	* 202A	.2859	246C	-1.0346	* 303A	.0635		
* 103A	.1405	145C	-.5625	* 203A	-.2360	247C	-.9071	* 304A	-.3215		
* 104A	-.3643	146C	-1.1722	* 204A	-.4670	248C	-.7068	* 305A	-.4499		
* 105A	-.5269	147C	-1.1274	* 206A	-.7664	249C	-.4999	* 307A	-1.0060		
* 106A	-.7579	148C	-.8153	* 207A	-1.1343	250C	-.3623	* 345E	.2093		
* 107A	-.9803	149C	-.5972	* 242B	.6676	264D	.0538	* 344E	.2705		
* 142B	.5552	150C	-.4194	* 241B	.4593	263D	.4758	* 343E	.2779		
* 141B	.4912	151C	-.3164	* 240B	.4210	262D	.5443	* 342E	.2669		
* 140B	.4977	166D	.0538	* 239B	.4264	261D	.5415	* 341E	.2142		
* 139B	.5004	165D	.4648	* 238B	.3689	256D	.5997	* 340E	.1517		
* 138B	.4621	164D	.5497	* 237B	.2852	257D	-.5111	* 339E	.1088		
* 137B	.3853	158D	.3637	* 236B	.3024	258D	-.5782	* 338E	.0708		
* 136B	.2538	159D	.3122	* 235B	.3600	259D	-.3836	* 337E	.1210		
* 135B	.2730	160D	-.5816	* 234B	.4715	260D	-.1833	* 336E	.2276		
* 134B	.3716	161D	-.1252	* 233B	.6174			* 335E	.3698		
* 133B	.6193	162D	-.1498	* 232B	.7804			* 334E	.5267		
* 132B	.6566			* 231B	.4936			* 333E	.7497		
* 131B	-.1956			* 230B	-1.6278			* 332E	.6051		
* 130B	-1.6069			* 215B	-3.8926			* 331E	-.4317		
* 115B	-1.6754			* 216B	-2.5033			* 314E	-3.4686		
* 116B	-1.2456			* 217B	-3.2990			* 315E	-2.7001		
* 117B	-2.5289			* 218B	-3.1279			* 316E	-2.6487		
* 118B	-3.0423			* 219B	-2.6744			* 317E	-2.5803		
* 119B	-3.0509			* 220B	-3.0594			* 318E	-2.2209		
* 120B	-2.6059			* 222B	-1.4183			* 319E	-2.4348		
* 121B	-1.7606			* 223B	-1.2382			* 320E	-1.4766		
* 122B	-1.3400			* 224B	-1.1274			* 321E	-1.1437		
* 123B	-1.1129			* 225B	-1.0133			* 322E	-.9820		
* 124B	-.9854			* 226B	-1.0424			* 323E	-.8655		
* 125B	-.8690			* 227B	-.9171			* 324E	-.6952		
* 126B	-.7684			* 228B	-.8936			* 325E	-.5972		
* 127B	-.7236			* 229B	-.8534			* 326E	-.4795		



TABLE 196 .- TABULATED PRESSURE DATA FOR RUN 47 AT ALPHA = 12.382 DEGREES AND QINF = 2.88 KN/SQM ( 60.12 LB/SQFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.0473	128B	-.6659	214A	-.0763	255C	.4003	313A	-.2704	327E	-.4718
113A	-.2066	129B	-.6860	213A	-.3122	254C	.5596	312A	-.3011	328E	-.4030
112A	-.2917	157C	.2575	212A	-.3294	253C	.5898	311A	-.2471	329E	-.3699
111A	-.2094	156C	.3674	211A	-.2950	252C	.6337	310A	-.0159	330E	-.3367
110A	-.0159	155C	.5514	210A	.0956	251C	.6832	309A	.1985		
109A	.2671	154C	.6337	209A	.3614	243C	.6722	308A	.5415		
108A	.6272	153C	.7161	208A	.7387	244C	.2041	301A	.7301		
101A	.6529	152C	.0323	201A	.3185	245C	-.3867	302A	-.0159		
102A	-.0845	144C	.3591	202A	-.9334	246C	-.9921	303A	-1.0877		
103A	-.7190	145C	-.4977	203A	-1.4393	247C	-.8340	304A	-1.2592		
104A	-1.1906	146C	-1.0751	204A	-1.3278	248C	-.6289	305A	-1.1820		
105A	-1.2335	147C	-1.0459	206A	-1.3878	249C	-.4551	307A	-1.6536		
106A	-1.3449	148C	-.7298	207A	-1.7908	250C	-.3329	345E	.1914		
107A	-1.4736	149C	-.5347	242B	.7189	264D	.0268	344E	.2565		
142B	.5212	150C	-.3755	241B	.5129	263D	.4690	343E	.2663		
141B	.4992	151C	-.2802	240B	.4607	262D	.5376	342E	.2651		
140B	.5047	166D	.0488	239B	.4497	261D	.5496	341E	.2197		
139B	.5047	165D	.4580	238B	.4250	256D	.5931	340E	.1742		
138B	.4827	164D	.5486	237B	.3695	257D	-.4764	339E	.1460		
137B	.4058	158D	.3756	236B	.3916	258D	-.5526	338E	.1275		
136B	.3124	159D	.3319	235B	.4555	259D	-.3733	337E	.2160		
135B	.3454	160D	-.5470	234B	.5623	260D	-.2018	336E	.3277		
134B	.4525	161D	-.0975	233B	.6888			335E	.4641		
133B	.6557	162D	-.1412	232B	.7859			334E	.6016		
132B	.7134			231B	.5071			333E	.7515		
131B	.1834			230B	-1.4126			332E	.6102		
130B	-1.4122			215B	-3.7364			331E	-.2397		
115B	-1.8983			216B	-3.3428			314E	-3.6087		
116B	-1.7479			217B	-4.4061			315E	-3.3943		
117B	-3.4028			218B	-4.0631			316E	-3.6172		
118B	-4.1145			219B	-3.3943			317E	-3.4543		
119B	-3.8144			220B	-3.8573			318E	-2.9741		
120B	-3.1542			222B	-1.6412			319E	-3.0941		
121B	-2.0874			223B	-1.4181			320E	-1.7994		
122B	-1.5033			224B	-1.2701			321E	-1.3647		
123B	-1.2331			225B	-1.1154			322E	-1.1437		
124B	-1.0594			226B	-1.0907			323E	-.9680		
125B	-.9058			227B	-.9372			324E	-.7555		
126B	-.7701			228B	-.8800			325E	-.6708		
127B	-.6961			229B	-.8127			326E	-.5603		
*****											

TABLE 197 .- TABULATED PRESSURE DATA FOR RUN 47 AT ALPHA = 14.380 DEGREES AND QINF = 2.88 KN/SQM ( 60.11 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.0268	128B	-.6125	214A	.0756	255C	.4054	313A	-.1320	327E	-.8248
113A	-.1329	129B	-.6383	213A	-.2254	254C	.5620	312A	-.1713	328E	-.7904
112A	-.2318	157C	.1692	212A	-.2684	253C	.5977	311A	-.1468	329E	-.7315
111A	-.1301	156C	.3038	211A	-.1787	252C	.6471	310A	.1381	330E	-.5877
110A	.0523	155C	.5208	210A	.2410	251C	.7021	309A	.3867		
109A	.3353	154C	.6142	209A	.5325	243C	.6856	308A	.6955		
108A	.6512	153C	.7048	208A	.7383	244C	.2216	301A	.7298		
101A	.6269	152C	.0182	201A	.3867	245C	-.3580	302A	-.5308		
102A	-.1449	144C	.3999	202A	-1.6113	246C	-.9556	303A	-1.5598		
103A	-.7795	145C	-.4410	203A	-1.9543	247C	-.7908	304A	-1.5856		
104A	-1.1997	146C	-1.0072	204A	-1.7742	248C	-.6036	305A	-1.4484		
105A	-1.2083	147C	-1.0128	206A	-1.5856	249C	-.4365	307A	-1.7142		
106A	-1.2769	148C	-.7314	207A	-2.0058	250C	-.3266	345E	.1185		
107A	-1.3883	149C	-.5733	242B	.7378	264D	.0237	344E	.2193		
142B	.4768	150C	-.4757	241B	.5345	263D	.4768	343E	.1996		
141B	.4906	151C	-.4544	240B	.4713	262D	.5565	342E	.2205		
140B	.5016	166D	-.1411	239B	.4686	261D	.5620	341E	.1726		
139B	.4961	165D	.3917	238B	.4494	256D	.5971	340E	.1394		
138B	.4686	164D	.5043	237B	.3998	257D	-.4802	339E	.1321		
137B	.4247	158D	.2788	236B	.4183	258D	-.5542	338E	.1308		
136B	.3120	159D	.3371	235B	.4920	259D	-.3737	337E	.2254		
135B	.3642	160D	-.7785	234B	.6001	260D	-.2156	336E	.3519		
134B	.4713	161D	-.1529	233B	.7143			335E	.4932		
133B	.6581	162D	-.3659	232B	.7708			334E	.6234		
132B	.7185			231B	.5005			333E	.7499		
131B	.2324			230B	-1.3481			332E	.6197		
130B	-1.2178			215B	-3.6991			331E	-.1701		
115B	-1.6874			216B	-3.6092			314E	-3.4129		
116B	-1.6027			217B	-4.7842			315E	-3.4721		
117B	-3.1720			218B	-4.3811			316E	-3.8237		
118B	-3.7208			219B	-3.6093			317E	-3.6522		
119B	-3.3521			220B	-4.1410			318E	-2.9490		
120B	-2.7690			222B	-1.7034			319E	-2.8890		
121B	-1.7774			223B	-1.4579			320E	-1.7656		
122B	-1.2740			224B	-1.2975			321E	-1.0496		
123B	-1.0453			225B	-1.1238			322E	-.9722		
124B	-.9107			226B	-1.0901			323E	-.9501		
125B	-.7695			227B	-.9253			324E	-.8432		
126B	-.6484			228B	-.8536			325E	-.8309		
127B	-.6058			229B	-.7661			326E	-.7953		

TABLE 198 .- TABULATED PRESSURE DATA FOR RUN 47 AT ALPHA = 16.423 DEGREES AND QINF = 2.88 KN/SQM ( 60.15 LB/SQFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.1201	128B	-.5971	214A	.3300	255C	.3946	313A	.0035	327E	-.9221
113A	-.0885	129B	-.6364	213A	-.1622	254C	.5565	312A	-.0603	328E	-.8865
112A	-.2065	157C	.1476	212A	-.2113	253C	.5922	311A	-.0333	329E	-.8398
111A	-.0967	156C	.2903	211A	-.0873	252C	.6389	310A	.2841	330E	-.7637
110A	.1641	155C	.5071	210A	.4040	251C	.6800	309A	.5155		
109A	.4640	154C	.6032	209A	.6611	243C	.6855	308A	.7211		
108A	.6697	153C	.6965	208A	.6183	244C	.2488	301A	.6269		
101A	.4298	152C	-.0363	201A	.3955	245C	-.3159	302A	-1.1728		
102A	-.5815	144C	.4111	202A	-2.3725	246C	-.8829	303A	-2.1669		
103A	-1.2585	145C	-.4246	203A	-2.5868	247C	-.7282	304A	-2.0383		
104A	-1.5841	146C	-1.0061	204A	-2.2697	248C	-.5355	305A	-1.7898		
105A	-1.5327	147C	-.9994	206A	-1.9355	249C	-.4145	307A	-1.9526		
106A	-1.5241	148C	-.7271	207A	-2.3297	250C	-.3316	345E	.0698		
107A	-1.5927	149C	-.5871	242B	.7542	264D	-.0171	344E	.1729		
142B	.5044	150C	-.5098	241B	.5483	263D	.4660	343E	.1901		
141B	.5071	151C	-.4829	240B	.4824	262D	.5428	342E	.1999		
140B	.5044	166D	-.1543	239B	.4797	261D	.5510	341E	.1594		
139B	.5016	165D	.3836	238B	.4605	256D	.5826	340E	.1250		
138B	.4797	164D	.4962	237B	.4135	257D	-.4952	339E	.1275		
137B	.4385	158D	.2633	236B	.4454	258D	-.5747	338E	.1287		
136B	.3479	159D	.3418	235B	.5178	259D	-.4011	337E	.2478		
135B	.4056	160D	-.7943	234B	.6185	260D	-.2521	336E	.3644		
134B	.5044	161D	-.1837	233B	.7228			335E	.5215		
133B	.6663	162D	-.3865	232B	.7633			334E	.6369		
132B	.7048			231B	.4822			333E	.7547		
131B	.2793			230B	-1.3038			332E	.6123		
130B	-1.1315			215B	-3.7417			331E	-.1082		
115B	-1.6694			216B	-4.0093			314E	-3.3661		
116B	-1.7212			217B	-5.2434			315E	-3.5980		
117B	-3.4095			218B	-4.8235			316E	-4.0179		
118B	-3.9151			219B	-4.0779			317E	-3.6494		
119B	-3.5980			220B	-4.3179			318E	-3.0581		
120B	-2.8439			222B	-1.7489			319E	-2.7667		
121B	-1.8397			223B	-1.4868			320E	-1.5156		
122B	-1.2615			224B	-1.2985			321E	-.9920		
123B	-1.0341			225B	-1.1058			322E	-.9380		
124B	-.8784			226B	-1.0509			323E	-.8975		
125B	-.7316			227B	-.8784			324E	-.8656		
126B	-.6106			228B	-.7742			325E	-.8852		
127B	-.5915			229B	-.7036			326E	-.8828		
*****											

TABLE 199 .- TABULATED PRESSURE DATA FOR RUN 47 AT ALPHA = 20.443 DEGREES AND QINF = 2.90 KN/SQM ( 60.50 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.4080	128B	-.6692	* 214A	.5355	255C	.3234	* 313A	.2768	327E	-.9645
* 113A	.0423	129B	-.7471	* 213A	.0107	254C	.5226	* 312A	.1120	328E	-.9096
* 112A	-.1787	157C	.1269	* 212A	-.0821	253C	.5690	* 311A	.1425	329E	-.8791
* 111A	-.0041	156C	.2661	* 211A	.0339	252C	.6264	* 310A	.4917	330E	-.8278
* 110A	.3724	155C	.4954	* 210A	.5258	251C	.6618	* 309A	.6621		
* 109A	.6280	154C	.5854	* 209A	.7133	243C	.7028	* 308A	.6962		
* 108A	.6366	153C	.6755	* 208A	.3298	244C	.2220	* 301A	.2361		
* 101A	-.0110	152C	.0178	* 201A	-.3699	245C	-.3227	* 302A	-2.4138		
* 102A	-1.3317	144C	.3835	* 202A	-3.6067	246C	-.9232	* 303A	-3.3511		
* 103A	-2.1071	145C	-.4909	* 203A	-3.3085	247C	-.8118	* 304A	-2.7206		
* 104A	-2.2690	146C	-1.1270	* 204A	-2.8740	248C	-.6959	* 305A	-2.3457		
* 105A	-2.0645	147C	-1.1014	* 206A	-2.0901	249C	-.6190	* 307A	-2.1923		
* 106A	-1.9708	148C	-.8073	* 207A	-2.3627	250C	-.5700	* 345E	.0583		
* 107A	-1.9367	149C	-.6636	* 242B	.7301	264D	-.2415	* 344E	.1706		
* 142B	.5063	150C	-.5778	* 241B	.5172	263D	.4026	* 343E	.1950		
* 141B	.4926	151C	-.5477	* 240B	.4326	262D	.5008	* 342E	.2035		
* 140B	.5063	166D	-.2033	* 239B	.4435	261D	.5226	* 341E	.1730		
* 139B	.5008	165D	.3807	* 238B	.4244	256D	.5061	* 340E	.1401		
* 138B	.4790	164D	.5008	* 237B	.4049	257D	-.7639	* 339E	.1486		
* 137B	.4408	158D	.2376	* 236B	.4501	258D	-.8285	* 338E	.1669		
* 136B	.3726	159D	.3546	* 235B	.5416	259D	-.6480	* 337E	.2829		
* 135B	.4380	160D	-.9053	* 234B	.6441	260D	-.5121	* 336E	.4110		
* 134B	.5363	161D	-.1801	* 233B	.7381			* 335E	.5538		
* 133B	.6809	162D	-.4709	* 232B	.7613			* 334E	.6685		
* 132B	.6891			* 231B	.5062			* 333E	.7467		
* 131B	.3453			* 230B	-1.0548			* 332E	.6063		
* 130B	-.9101			* 215B	-3.3701			* 331E	-.0516		
* 115B	-1.5214			* 216B	-3.9220			* 314E	-3.1956		
* 116B	-1.9793			* 217B	-5.0552			* 315E	-3.6579		
* 117B	-3.8794			* 218B	-4.5696			* 316E	-4.1606		
* 118B	-4.2713			* 219B	-3.6409			* 317E	-3.7942		
* 119B	-3.8453			* 220B	-3.7431			* 318E	-2.9847		
* 120B	-2.9592			* 222B	-1.3643			* 319E	-2.5843		
* 121B	-1.8077			* 223B	-1.1727			* 320E	-1.4766		
* 122B	-1.2763			* 224B	-1.0045			* 321E	-1.0328		
* 123B	-1.0513			* 225B	-.9053			* 322E	-1.0084		
* 124B	-.8886			* 226B	-.8530			* 323E	-.9669		
* 125B	-.7271			* 227B	-.7850			* 324E	-.9340		
* 126B	-.6658			* 228B	-.7549			* 325E	-.9242		
* 127B	-.6725			* 229B	-.7238			* 326E	-.9352		

TABLE 200 .- TABULATED PRESSURE DATA FOR RUN 47 AT ALPHA = 24.532 DEGREES AND QINF = 2.89 KN/SQM ( 60.39 LB/SQFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.5891	128B	-.7413	214A	.6057	255C	.2993	313A	.4321	327E	-.8089
113A	.3403	129B	-.8105	213A	.2475	254C	.5070	312A	.2194	328E	-.7881
112A	-.1163	157C	.1134	212A	.1008	253C	.5562	311A	.2524	329E	-.7649
111A	.0833	156C	.2747	211A	.1949	252C	.6137	310A	.5665	330E	-.7771
110A	.5665	155C	.5180	210A	.6775	251C	.6547	309A	.6946		
109A	.6946	154C	.6164	209A	.7629	243C	.6847	308A	.5665		
108A	.4385	153C	.7011	208A	-.0566	244C	.2229	301A	-.1334		
101A	-.7650	152C	.0642	201A	-1.1833	245C	-.3518	302A	-3.3770		
102A	-2.4807	144C	.3867	202A	-4.3586	246C	-1.0058	303A	-4.0428		
103A	-3.0526	145C	-.5661	203A	-3.9062	247C	-.8841	304A	-3.2660		
104A	-3.0441	146C	-1.2658	204A	-3.4709	248C	-.7781	305A	-2.1734		
105A	-2.6173	147C	-1.2357	206A	-2.1052	249C	-.7313	307A	-2.2417		
106A	-2.2588	148C	-.9299	207A	-2.2588	250C	-.6866	345E	.0971		
107A	-2.1393	149C	-.7882	242B	.7257	264D	-.3049	344E	.1974		
142B	.5344	150C	-.7268	241B	.5644	263D	.3840	343E	.2181		
141B	.5234	151C	-.6621	240B	.4578	262D	.4797	342E	.2230		
140B	.5234	156D	-.2256	239B	.4715	261D	.5207	341E	.1912		
139B	.5234	165D	.3649	238B	.4578	256D	.4640	340E	.1643		
138B	.5016	164D	.4852	237B	.4358	257D	-.9087	339E	.1827		
137B	.4660	158D	.1772	236B	.4957	258D	-1.0158	338E	.2047		
136B	.4332	159D	.3468	235B	.5764	259D	-.7759	337E	.3257		
135B	.5070	160D	-1.0326	234B	.6766	260D	-.6431	336E	.4431		
134B	.6137	161D	-.2012	233B	.7537			335E	.5813		
133B	.7339	162D	-.5516	232B	.7586			334E	.6815		
132B	.7093			231B	.5348			333E	.7378		
131B	.3977			230B	-.8309			332E	.5996		
130B	-.7068			215B	-3.0244			331E	.0103		
115B	-1.4367			216B	-3.6416			314E	-2.8593		
116B	-2.1308			217B	-4.7256			315E	-3.4965		
117B	-4.2562			218B	-4.0001			316E	-3.9147		
118B	-4.6659			219B	-2.8222			317E	-3.4623		
119B	-4.2562			220B	-2.7197			318E	-2.4807		
120B	-3.1380			222B	-1.0806			319E	-1.8662		
121B	-1.9253			223B	-1.0058			320E	-1.2174		
122B	-1.2971			224B	-.9455			321E	-1.0363		
123B	-1.0225			225B	-.8864			322E	-.9299		
124B	-.8428			226B	-.8763			323E	-.9079		
125B	-.7424			227B	-.8172			324E	-.8603		
126B	-.7089			228B	-.7904			325E	-.8554		
127B	-.7145			229B	-.7792			326E	-.8309		
*****											



TABLE 202.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 47

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.979	-.13704	.32798	.15719	.04380	-.14570	.05197	.09169	.03850	-.15516	-.18065
.174	-.09843	.78857	.18573	.05366	-.10156	.73937	.20997	.07700	-.12278	.40127
4.253	-.05010	1.15000	.18192	.05366	-.08147	1.25441	.23205	.08851	-.11025	.87022
8.317	-.00524	1.43985	.17806	.05327	.00627	1.62536	.23812	.09026	-.02472	1.19304
12.382	.09760	1.64974	.17036	.05149	.15850	1.91335	.22967	.08908	.11965	1.46120
14.380	.10307	1.48857	.17214	.05999	.22248	1.99882	.22600	.09121	.17779	1.53440
16.423	.15457	1.52069	.17130	.06069	.30331	2.06749	.21500	.09260	.24885	1.54769
20.443	.24690	1.56801	.18203	.06585	.38984	1.84932	.23363	.11322	.36822	1.59815
24.532	.34586	1.68942	.20522	.07062	.45659	1.68068	.24676	.12732	.41540	1.47103
28.587	.43931	1.71674	.21782	.08100	.53430	1.69049	.25686	.13362	.49444	1.40612

TABLE 263.- AXIAL-CHOPD FORCE COEFFICIENT FOR RUN 47

ALPHA	COMPONENT-STATION									
	A-A	P-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.979	-.01833	-.04055	-.00559	.00098	-.00444	.00221	-.00460	-.00341	-.01413	-.02265
.174	-.00409	-.05643	-.00322	.00162	-.00356	-.05582	.01423	-.00179	-.01172	-.06587
4.253	.00814	-.08883	-.00304	.00179	.01451	-.10963	.01732	-.00150	-.00323	-.11954
8.317	.04429	-.15283	-.00263	.00194	.03895	-.17938	.01762	-.00144	.03107	-.17532
12.382	.06095	-.20265	-.00217	.00205	.04621	-.22483	.01737	-.00113	.04970	-.21947
14.380	.05783	-.18584	.00091	.00170	.04455	-.24179	.01756	-.00115	.04907	-.20210
16.423	.05837	-.19916	.00148	.00174	.04165	-.26899	.01769	-.00111	.04545	-.20038
20.443	.05552	-.21302	.00151	.00161	.01664	-.25309	.02376	-.00233	.03222	-.19916
24.532	.03708	-.22818	.00243	.00133	-.01007	-.21944	.02633	-.00306	.01350	-.18250
28.587	.00984	-.24396	.00427	.00090	-.05925	-.22205	.02793	-.00318	-.01453	-.15860



TABLE 204.- PITCHING-MOMENT COEFFICIENT FOR RUN 47

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.979	.00891	-.20972	-.01082	-.00185	.01023	-.05934	-.00963	-.00189	.01173	.02108
.174	.00561	-.37264	-.01245	-.00216	.00646	-.33812	-.02047	-.00367	.00831	-.20000
4.253	.00170	-.45467	-.01225	-.00217	.00419	-.46138	-.02222	-.00422	.00646	-.30005
8.317	-.00131	-.51925	-.01196	-.00218	-.00158	-.55093	-.02278	-.00435	.00030	-.37508
12.382	-.00773	-.55690	-.01146	-.00212	-.01178	-.61711	-.02193	-.00434	-.00950	-.44753
14.380	-.00782	-.50259	-.01190	-.00260	-.01589	-.63387	-.02158	-.00447	-.01321	-.51435
16.423	-.01101	-.50486	-.01196	-.00264	-.02157	-.63716	-.02063	-.00456	-.01784	-.52932
20.443	-.01674	-.52378	-.01262	-.00292	-.02668	-.56392	-.02309	-.00564	-.02544	-.55503
24.532	-.02221	-.55172	-.01434	-.00319	-.03020	-.54341	-.02464	-.00640	-.02726	-.51611
28.587	-.02696	-.56288	-.01546	-.00377	-.03415	-.55372	-.02586	-.00672	-.03129	-.51399

TABLE 205.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 47 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.203	2.89 (60.34)	-5.94	-.0483	.1484	-.2144	.0021	.0026	-.0183
.203	2.89 (60.29)	-3.98	.1828	.1230	-.1924	.0015	.0015	-.0085
.203	2.89 (60.27)	-1.84	.5107	.0988	-.2161	.0041	.0013	-.0099
.203	2.88 (60.19)	.17	.8166	.0943	-.2407	.0016	.0018	-.0061
.203	2.89 (60.37)	2.23	1.0941	.0996	-.2388	-.0004	.0017	-.0081
.203	2.89 (60.33)	4.25	1.3127	.1131	-.2169	.0007	.0027	-.0061
.203	2.89 (60.29)	6.34	1.5141	.1313	-.2012	-.0014	.0016	-.0022
.203	2.88 (60.20)	8.32	1.7265	.1529	-.1711	-.0011	.0021	-.0017
.203	2.88 (60.22)	10.28	1.8967	.1771	-.1439	-.0024	.0018	-.0027
.203	2.88 (60.07)	12.38	2.0833	.2081	-.0952	-.0047	.0009	.0011
.204	2.89 (60.40)	13.44	2.1493	.2230	-.0771	-.0066	.0001	.0016
.203	2.88 (60.06)	14.38	2.1372	.2571	-.0825	-.0110	.0000	.0148
.203	2.88 (60.11)	15.41	2.1884	.2773	-.0699	-.0110	.0003	.0140
.203	2.88 (60.10)	16.42	2.2175	.3000	-.0421	-.0109	.0010	.0131
.203	2.89 (60.31)	17.43	2.1842	.3370	-.0580	-.0069	.0003	.0029
.203	2.88 (60.18)	18.47	2.2055	.3657	-.0249	-.0124	-.0016	.0044
.204	2.89 (60.45)	20.44	2.2287	.4344	.0201	-.0243	-.0091	.0138
.203	2.89 (60.34)	22.49	2.2611	.5035	.0686	-.0297	-.0127	.0117
.203	2.89 (60.34)	24.53	2.2456	.5741	.1479	-.0197	-.0089	.0051
.203	2.88 (60.11)	26.49	2.1909	.6431	.1906	-.0059	.0010	-.0048
.204	2.90 (60.49)	28.59	2.2303	.7156	.2293	-.0063	.0012	-.0007

TABLE 206.- TABULATED PRESSURE DATA FOR RUN 35 AT ALPHA = -3.850 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.4342	128B	-.8109	214A	-.4439	255C	.5229	313A	-.5613	327E	-.3130
113A	-.4206	129B	-1.1258	213A	-.4475	254C	.5995	312A	-.5698	328E	-.2237
112A	-.4452	157C	.2877	212A	-.4500	253C	.5886	311A	-.5686	329E	-.1320
111A	-.4397	156C	.4464	211A	-.4329	252C	.4901	310A	-.5839	330E	-.0806
110A	-.4644	155C	.5804	210A	-.4900	251C	.2850	309A	-.5669		
109A	-.5583	154C	.6159	209A	-.4815	243C	-1.6239	308A	-.5669		
108A	-.4046	153C	.6241	208A	-.4986	244C	-1.4875	301A	-.5583		
101A	.3382	152C	-.1006	201A	.0565	245C	-1.7610	302A	-.1655		
102A	.7481	144C	-1.4871	202A	.5517	246C	-1.6437	303A	.6969		
103A	.5859	145C	-2.0367	203A	.7737	247C	-1.3680	304A	.7566		
104A	.2699	146C	-2.3214	204A	.7054	248C	-.9974	305A	.6627		
105A	.0992	147C	-1.8179	206A	.3724	249C	-.7228	307A	.1162		
106A	-.0375	148C	-1.4192	207A	-.0204	250C	-.5653	345E	.0221		
107A	-.1826	149C	-1.0030	242B	.2987	264D	.2495	344E	-.0048		
142B	.3616	150C	-.7194	241B	.4135	263D	.5831	343E	-.0207		
141B	.3698	151C	-.5631	240B	.1920	262D	.6460	342E	-.0586		
140B	.3178	166D	.1920	239B	.0936	261D	.6980	341E	-.1087		
139B	.2987	165D	.5503	238B	-.0623	256D	.0766	340E	-.1687		
138B	.2549	164D	.6405	237B	-.2934	257D	-.7071	339E	-.2482		
137B	.2303	159D	-.1389	236B	-.3986	258D	-.6401	338E	-.3265		
136B	.0416	160D	-.7730	235B	-.5332	259D	-.3242	337E	-.0843		
135B	-.0869	161D	-.1523	234B	-.5246	260D	-.0887	336E	-.5014		
134B	-.2893	162D	-.1456	233B	-.4732			335E	-.5564		
133B	-.3987			232B	-.4744			334E	-.5674		
132B	-.4151			231B	-.4818			333E	-.5809		
131B	-.4315			230B	-.4830			332E	-.5870		
130B	-.4780			215B	-.4720			331E	-.5943		
115B	-.5464			216B	-.4644			314E	-.5809		
116B	-.4900			217B	-.5071			315E	-.5412		
117B	.6542			218B	-.6266			316E	-.5583		
1103	-.4217			219B	-.8059			317E	-.2680		
119B	-.9255			220B	-.8913			318E	-.4986		
120B	-.9853			222B	-.6100			319E	-.4986		
121B	-.6569			223B	-.6011			320E	-.4559		
122B	-.6212			224B	-.6167			321E	-.3864		
123B	-.6000			225B	-.6334			322E	-.3937		
124B	-.6156			226B	-.7819			323E	-.3778		
125B	-.6513			227B	-.8042			324E	-.3693		
126B	-.6881			228B	-.9081			325E	-.3913		
127B	-.7317			229B	-1.0677			326E	-.3766		

TABLE 267 .- TABULATED PRESSURE DATA FOR RUN 35 AT ALPHA = .266 DEGREES AND QINF = 2.90 KN/SQM ( 60.48 LB/SQFT )

WING STATION A				WING STATION R				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.2240	128R	-.9445	* 214A	-.2896	255C	.5022	* 313A	-.4496	327E	-.3214
* 113A	-.1939	129B	-1.2109	* 213A	-.3092	254C	.6442	* 312A	-.4533	328E	-.2249
* 112A	-.2731	157C	.2838	* 212A	-.3299	253C	.6851	* 311A	-.4239	329E	-.1773
* 111A	-.2240	156C	.4531	* 211A	-.3031	252C	.7561	* 310A	-.5382	330E	-.1541
* 110A	-.2911	155C	.6442	* 210A	-.4615	251C	.8162	* 309A	-.5212		
* 109A	-.1717	154C	.7233	* 209A	-.4530	243C	-.6935	* 308A	-.5297		
* 109A	.2630	153C	.7971	* 208A	-.5463	244C	-1.5218	* 301A	-.7002		
* 101A	.7232	152C	-.0656	* 201A	-.0098	245C	-1.9843	* 302A	.3226		
* 102A	.5357	144C	-1.2786	* 202A	.7403	246C	-1.9007	* 303A	.7573		
* 103A	.0669	145C	-2.1548	* 203A	.6124	247C	-1.5162	* 304A	.5698		
* 104A	-.2570	146C	-2.5214	* 204A	.4164	248C	-1.0894	* 305A	.3908		
* 105A	-.3592	147C	-1.9809	* 206A	.0073	249C	-.7986	* 307A	-.2143		
* 106A	-.3763	148C	-1.4884	* 207A	-.3933	250C	-.6347	* 345E	.2012		
* 107A	-.3166	149C	-1.0504	* 242B	.5732	264D	.1893	* 344E	.2439		
* 142B	.5131	150C	-.7373	* 241B	.4896	263D	.5923	* 343E	.2476		
* 141B	.4940	151C	-.5946	* 240B	.3739	262D	.6742	* 342E	.2341		
* 140B	.4449	166D	.1883	* 239B	.3739	261D	.7643	* 341E	.1780		
* 139B	.4394	165D	.5868	* 238B	.3411	256D	.2991	* 340E	.1133		
* 138B	.4121	164D	.7097	* 237B	.2878	257D	-.8320	* 339E	.0583		
* 137B	.2511	159D	-.1555	* 236B	.2709	258D	-.8220	* 338E	-.0003		
* 136B	.1746	160D	-.8520	* 235B	.3318	259D	-.5311	* 337E	-.0540		
* 135B	.1282	161D	-.1399	* 234B	.4356	260D	-.1656	* 336E	.1731		
* 134B	.1637	162D	-.1567	* 233B	.1023			* 335E	.2305		
* 133B	.2074			* 232B	-.4874			* 334E	-.2140		
* 132B	-.1257			* 231B	-.5558			* 333E	-.6010		
* 131B	-.3441			* 230B	-.8903			* 332E	-.6938		
* 130B	-.3495			* 215B	-1.1394			* 331E	-.8366		
* 115B	-.3004			* 216B	-.9048			* 314E	-.9062		
* 116B	-.2570			* 217B	-1.2790			* 315E	-.8877		
* 117B	-.4530			* 218B	-1.4729			* 316E	-.9474		
* 119E	-1.0326			* 219B	-1.4673			* 317E	-1.0497		
* 119B	-1.5014			* 220B	-1.7486			* 318E	-1.0411		
* 120B	-1.5355			* 222B	-1.0493			* 319E	-1.1434		
* 121B	-1.1028			* 223B	-.9769			* 320E	-.8366		
* 122B	-.9401			* 224B	-.9278			* 321E	-.7353		
* 123B	-.8665			* 225B	-.8933			* 322E	-.6596		
* 124B	-.8320			* 226B	-1.0114			* 323E	-.5998		
* 125B	-.8387			* 227B	-.9880			* 324E	-.5277		
* 126B	-.8509			* 228B	-1.0560			* 325E	-.4801		
* 127B	-.8710			* 229B	-1.1603			* 326E	-.4093		

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.0140	128B	-.9790	214A	-.5584	255C	.5296	313A	-.6493	327E	-.3411
113A	-.1045	129B	-1.2031	213A	-.5842	254C	.6696	312A	-.6628	328E	-.2932
112A	-.1869	157C	.3155	212A	-.5817	253C	.7163	311A	-.6407	329E	-.2883
111A	-.1375	156C	.4802	211A	-.5645	252C	.7904	310A	-.6497	330E	-.2748
110A	-.0497	155C	.6806	210A	-.5212	251C	.8673	309A	-.7012		
109A	.2502	154C	.7684	209A	-.7183	243C	-.6261	308A	-1.0697		
108A	.5274	153C	.8810	208A	-.1955	244C	-1.5987	301A	-.5212		
101A	.6445	152C	-.0277	201A	.3360	245C	-2.1198	302A	.6445		
102A	-.0840	144C	-1.0846	202A	.6783	246C	-2.0256	303A	.5845		
103A	-.7612	145C	-2.1948	203A	.2417	247C	-1.6121	304A	.2160		
104A	-1.0269	146C	-2.5602	204A	-.0155	248C	-1.1034	305A	.0617		
105A	-.9069	147C	-2.0122	206A	-.4183	249C	-.7930	307A	-.5726		
106A	-.8469	148C	-1.4653	207A	-.8212	250C	-.6237	345E	.1856		
107A	-.6669	149C	-1.0216	242B	.6751	264D	.2029	344E	.2409		
142B	.5872	150C	-.7111	241B	.5159	263D	.6147	343E	.2458		
141B	.5214	151C	-.5722	240B	.4143	262D	.7080	342E	.2335		
140B	.5131	166D	.1919	239B	.4088	261D	.8096	341E	.1697		
139B	.5076	165D	.5955	238B	.3676	256D	.3142	340E	.1119		
138B	.4829	164D	.7218	237B	.3231	257D	-.8198	339E	.0506		
137B	.3127	159D	-.1632	236B	.2961	258D	-.8254	338E	-.0071		
136B	.2386	160D	-.6535	235B	.3366	259D	-.5823	337E	-.0317		
135B	.2139	161D	-.1116	234B	.4348	260D	-.1755	336E	.1230		
134B	.2606	162D	-.1576	233B	.5809			335E	.2679		
133B	.4719			232B	.7811			334E	.4484		
132B	.7465			231B	.4287			333E	.7504		
131B	.1013			230B	-1.8046			332E	.3821		
130B	-.6673			215B	-3.5185			331E	-.9181		
115B	-.4532			216B	-1.9526			314E	-3.0949		
116B	-.2897			217B	-2.5440			315E	-2.0469		
117B	-.8469			218B	-2.5097			316E	-1.7983		
118B	-1.7383			219B	-2.2526			317E	-1.9183		
119B	-2.1068			220B	-2.8354			318E	-1.7897		
120B	-2.0640			222B	-1.3387			319E	-2.0211		
121B	-1.4575			223B	-1.2221			320E	-1.2326		
122B	-1.1829			224B	-1.1493			321E	-.9623		
123B	-1.0585			225B	-1.0697			322E	-.8322		
124B	-.9913			226B	-1.1773			323E	-.7462		
125B	-.9532			227B	-1.1224			324E	-.6173		
126B	-.9297			228B	-1.1672			325E	-.5461		
127B	-.9274			229B	-1.2625			326E</			

TABLE 209 .- TABULATED PRESSURE DATA FOR RUN 35 AT ALPHA = 8.386 DEGREES AND QINF = 2.89 KN/SQM ( 60.43 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.0729	128B	-1.0030	* 214A	-.3078	255C	.5510	* 313A	-.4825	327E	-.4166
* 113A	-.0200	129B	-1.2026	* 213A	-.4190	254C	.6985	* 312A	-.4899	328E	-.3701
* 112A	-.1485	157C	.3242	* 212A	-.4312	253C	.7395	* 311A	-.4606	329E	-.3604
* 111A	-.0501	156C	.4827	* 211A	-.3823	252C	.8078	* 310A	-.3348	330E	-.3359
* 110A	.2624	155C	.6849	* 210A	-.1300	251C	.8761	* 309A	-.2153		
* 109A	.5695	154C	.7668	* 209A	.0832	243C	-.6457	* 308A	-.0618		
* 108A	.6804	153C	.8652	* 208A	.6633	244C	-1.6164	* 301A	.4074		
* 101A	.0406	152C	-.0009	* 201A	.3989	245C	-2.1428	* 302A	.6548		
* 102A	-1.4352	144C	-1.0801	* 202A	-.0362	246C	-2.0324	* 303A	-.0618		
* 103A	-1.9044	145C	-2.1886	* 203A	-.6675	247C	-1.5874	* 304A	-.4457		
* 104A	-2.0835	146C	-2.5878	* 204A	-.7869	248C	-1.0777	* 305A	-.5395		
* 105A	-1.6911	147C	-2.0291	* 206A	-.9831	249C	-.7465	* 307A	-1.1366		
* 106A	-1.3670	148C	-1.4458	* 207A	-1.4267	250C	-.5792	* 345E	.1590		
* 107A	-.9490	149C	-1.0130	* 242B	.6903	264D	.2095	* 344E	.2213		
* 142B	.6111	150C	-.6952	* 241B	.6002	263D	.6248	* 343E	.2286		
* 141B	.5455	151C	-.5513	* 240B	.4554	262D	.7177	* 342E	.2213		
* 140B	.5291	166D	.2204	* 239B	.4636	261D	.8187	* 341E	.1663		
* 139B	.5291	165D	.6138	* 238B	.4308	256D	.3153	* 340E	.1162		
* 138B	.5209	164D	.7313	* 237B	.3850	257D	-.7710	* 339E	.0747		
* 137B	.3816	159D	-.1543	* 236B	.3850	258D	-.7733	* 338E	.0368		
* 136B	.3198	160D	-.8324	* 235B	.4388	259D	-.5424	* 337E	-.0072		
* 135B	.3133	161D	-.0795	* 234B	.5390	260D	-.1732	* 336E	.2066		
* 134B	.3652	162D	-.1465	* 233B	.6599			* 335E	.3508		
* 133B	.5182			* 232B	.7834			* 334E	.5121		
* 132B	.7149			* 231B	.5060			* 333E	.7284		
* 131B	.7067			* 230B	-1.5529			* 332E	.6001		
* 130B	-.0528			* 215B	-3.9332			* 331E	-.3970		
* 115B	-.7550			* 216B	-2.8939			* 314E	-3.5092		
* 116B	-.3860			* 217B	-3.8238			* 315E	-2.8086		
* 117B	-1.5973			* 218B	-3.6532			* 316E	-2.8086		
* 118B	-2.7233			* 219B	-3.1072			* 317E	-2.7319		
* 119B	-2.9025			* 220B	-3.7299			* 318E	-2.3906		
* 120B	-2.6807			* 222B	-1.6231			* 319E	-2.6551		
* 121B	-1.8283			* 223B	-1.4525			* 320E	-1.5888		
* 122B	-1.3978			* 224B	-1.3443			* 321E	-1.2084		
* 123B	-1.2194			* 225B	-1.2272			* 322E	-1.0336		
* 124B	-1.1034			* 226B	-1.2997			* 323E	-.9004		
* 125B	-1.0298			* 227B	-1.2038			* 324E	-.7049		
* 126B	-.9695			* 228B	-1.2272			* 325E	-.6011		
* 127B	-.9606			* 229B	-1.2818			* 326E	-.4948		

TABLE 210 .- TABULATED PRESSURE DATA FOR RUN 35 AT ALPHA = 12.467 DEGREES AND QINF = 2.90 KN/SQM ( 60.52 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.5680	128B	-.9587	214A	.1443	255C	.5652	313A	-.2534	327E	-.6010
113A	.1833	129B	-1.1268	213A	-.2290	254C	.7016	312A	-.3034	328E	-.5498
112A	.0524	157C	.3497	212A	-.2741	253C	.7425	311A	-.2485	329E	-.5278
111A	.1397	156C	.5052	211A	-.1826	252C	.8107	310A	.0505	330E	-.4815
110A	.5530	155C	.6962	210A	.2549	251C	.8680	309A	.2634		
109A	.7063	154C	.7753	209A	.5445	243C	-.5750	308A	.5700		
108A	.3571	153C	.8680	208A	.7404	244C	-1.4787	301A	.7489		
101A	-1.0652	152C	.0279	201A	.3997	245C	-1.9786	302A	-.1113		
102A	-2.9900	144C	-.9869	202A	-1.6188	246C	-1.8673	303A	-1.1503		
103A	-3.3391	145C	-2.0488	203A	-1.9509	247C	-1.3818	304A	-1.3377		
104A	-3.1262	146C	-2.4218	204A	-1.8487	248C	-.9219	305A	-1.2525		
105A	-2.2405	147C	-1.8606	206A	-1.6443	249C	-.6413	307A	-1.7039		
106A	-1.8828	148C	-1.3306	207A	-2.0446	250C	-.5010	345E	.1065		
107A	-1.3036	149C	-.9008	242B	.6962	254D	.2052	344E	.1822		
142B	.6307	150C	-.6157	241B	.6580	263D	.6198	343E	.1968		
141B	.5816	151C	-.4944	240B	.4807	262D	.7153	342E	.1968		
140B	.5570	166D	.2215	239B	.5025	261D	.8189	341E	.1504		
139B	.5570	165D	.6143	238B	.4834	256D	.3274	340E	.1126		
138B	.5380	164D	.7316	237B	.4469	257D	-.7015	339E	.0919		
137B	.4234	159D	-.1392	236B	.4652	258D	-.7326	338E	.0687		
136B	.3770	160D	-.7605	235B	.5237	259D	-.5144	337E	.0187		
135B	.3924	161D	-.0423	234B	.6165	260D	-.1959	336E	.2798		
134B	.4588	162D	-.1247	233B	.7275			335E	.4262		
133B	.5952			232B	.7799			334E	.5725		
132B	.7234			231B	.4981			333E	.7202		
131B	.7125			230B	-1.3696			332E	.5933		
130B	.2324			215B	-3.7643			331E	-.2399		
115B	-.4140			216B	-3.6457			314E	-3.6240		
116B	-.2731			217B	-5.0340			315E	-3.4328		
117B	-2.1383			218B	-4.5911			316E	-3.7224		
118B	-3.3136			219B	-3.7990			317E	-3.5946		
119B	-3.5776			220B	-4.4123			318E	-3.0496		
120B	-3.0411			222B	-1.8484			319E	-3.1773		
121B	-2.0889			223B	-1.6056			320E	-1.8487		
122B	-1.5678			224B	-1.4531			321E	-1.3574		
123B	-1.3206			225B	-1.2927			322E	-1.1266		
124B	-1.1702			226B	-1.3239			323E	-.9475		
125B	-1.0489			227B	-1.1970			324E	-.7718		
126B	-.9598			228B	-1.1720			325E	-.7206		
127B	-.9353			229B	-1.1869			326E	-.6242		

TABLE 211 -- TABULATED PRESSURE DATA FOR RUN 35 AT ALPHA = 16.455 DEGREES AND QINF = 2.89 KN/SQM ( 60.36 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.7301	128B	-.7070	214A	.4592	255C	.5578	313A	-.0448	327E	-.8888
113A	.3772	129B	-.7684	213A	-.0876	254C	.6945	312A	-.1279	328E	-.8007
112A	.1721	157C	.2735	212A	-.1634	253C	.7383	311A	-.0900	329E	-.7053
111A	.2432	156C	.4456	211A	-.0399	252C	.7985	310A	.2948	330E	-.6124
110A	.6364	155C	.6590	210A	.4997	251C	.8641	309A	.5254		
109A	.6705	154C	.7520	209A	.7389	243C	-.2464	308A	.7389		
108A	.0984	153C	.8532	208A	.5339	244C	-1.0352	301A	.6108		
101A	-1.7292	152C	.0381	201A	.2008	245C	-1.3825	302A	-1.3108		
102A	-3.6679	144C	-.5664	202A	-2.8566	246C	-1.2351	303A	-2.3612		
103A	-3.7518	145C	-1.5209	203A	-3.0017	247C	-.9012	304A	-2.0879		
104A	-3.4800	146C	-1.8235	204A	-2.6431	248C	-.6087	305A	-1.8488		
105A	-2.3441	147C	-1.3490	206A	-2.0538	249C	-.4747	307A	-2.0879		
106A	-1.9257	148C	-.9559	207A	-2.4381	250C	-.4356	345E	.0886		
107A	-1.2937	149C	-.7137	242B	.7191	264D	.1283	344E	.1681		
142B	.6426	150C	-.5866	241B	.6836	263D	.6043	343E	.1742		
141B	.5796	151C	-.5417	240B	.5113	262D	.7055	342E	.1889		
140B	.5632	166C	.0080	239B	.5167	261D	.8039	341E	.1436		
139B	.5632	165D	.5468	238B	.5031	256D	.3437	340E	.1131		
138B	.5414	164D	.6891	237B	.4764	257D	-.6768	339E	.1057		
137B	.4702	159D	-.1386	236B	.4984	258D	-.7416	338E	.1069		
136B	.4019	160D	-.9492	235B	.5571	259D	-.5406	337E	.0409		
135B	.4292	161D	-.0381	234B	.6501	260D	-.2726	336E	.3381		
134B	.5058	162D	-.3475	233B	.7394			335E	.4788		
133B	.6398			232B	.7638			334E	.6109		
132B	.7383			231B	.4837			333E	.7284		
131B	.7246			230B	-1.2424			332E	.5804		
130B	.3389			215B	-3.7440			331E	-.1879		
115B	-.1917			216B	-4.1205			314E	-3.5801		
116B	-.1749			217B	-5.4699			315E	-3.7618		
117B	-2.0965			218B	-5.0172			316E	-4.2571		
118B	-3.1555			219B	-4.3767			317E	-3.9924		
119B	-3.2665			220B	-4.6073			318E	-3.3519		
120B	-2.6687			222B	-1.6269			319E	-3.2835		
121B	-1.8302			223B	-1.5120			320E	-1.8147		
122B	-1.3423			224B	-1.3769			321E	-1.2986		
123B	-1.1413			225B	-1.1491			322E	-1.1641		
124B	-.9749			226B	-1.0944			323E	-1.1372		
125B	-.8610			227B	-.9392			324E	-1.0821		
126B	-.7460			228B	-.8264			325E	-1.0112		
127B	-.7047			229B	-.7851			326E	-.9488		





TABLE 213. - TABULATED PRESSURE DATA FOR RUN 35 AT ALPHA = 20.411 DEGREES AND QINF = 2.91 KN/SQM ( 60.67 LB/SQFT )

*****														
WING STATION A				*	WING STATION B				*	WING STATION C				*
TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*
114A	.7686	128B	-.6868	*	214A	.5669	255C	.5101	*	313A	.2079	327E	-1.0650	*
113A	.7577	129B	-.7290	*	213A	.0619	254C	.6706	*	312A	.0145	328E	-.9871	*
112A	.2353	157C	.1972	*	212A	-.0427	253C	.7142	*	311A	.0558	329E	-.9189	*
111A	.2924	156C	.3904	*	211A	.0668	252C	.7849	*	310A	.4334	330E	-.8678	*
110A	.7137	155C	.6271	*	210A	.5608	251C	.8584	*	309A	.6458			*
109A	.5863	154C	.7251	*	209A	.7477	243C	-.1729	*	308A	.7222			*
108A	-.3907	153C	.8230	*	208A	.2890	244C	-.9534	*	301A	.3399			*
101A	-2.6845	152C	.0312	*	201A	-.3142	245C	-1.3333	*	302A	-2.1918			*
102A	-4.9869	144C	-.4749	*	202A	-3.4661	246C	-1.2367	*	303A	-3.2368			*
103A	-4.8000	145C	-1.4077	*	203A	-3.3982	247C	-.9279	*	304A	-2.7100			*
104A	-4.4007	146C	-1.7198	*	204A	-2.9054	248C	-.6979	*	305A	-2.2767			*
105A	-2.7610	147C	-1.2866	*	206A	-2.0474	249C	-.6357	*	307A	-2.2343			*
106A	-2.1918	148C	-.9501	*	207A	-2.3022	250C	-.6235	*	345E	.0108			*
107A	-1.4696	149C	-.8357	*	242B	.7169	264D	-.0368	*	344E	.1191			*
142B	.6380	150C	-.7801	*	241B	.6679	263D	.5645	*	343E	.1410			*
141B	.5645	151C	-.7912	*	240B	.4965	262D	.6815	*	342E	.1544			*
140B	.5536	166D	-.1212	*	239B	.5019	261D	.7985	*	341E	.1240			*
139B	.5536	165D	.5019	*	238B	.4656	256D	.2751	*	340E	.0948			*
138B	.5319	164D	.6598	*	237B	.4684	257D	-.8934	*	339E	.1057			*
137B	.4938	159D	-.5624	*	236B	.5012	258D	-.9590	*	338E	.1191			*
136B	.4176	160D	-1.2855	*	235B	.5682	259D	-.7168	*	337E	.0644			*
135B	.4638	161D	-.0682	*	234B	.6655	260D	-.4891	*	336E	.3698			*
134B	.5509	162D	-.6424	*	233B	.7495			*	335E	.5073			*
133B	.6788			*	232B	.7604			*	334E	.6351			*
132B	.7604			*	231B	.5097			*	333E	.7264			*
131B	.7495			*	230B	-1.0126			*	332E	.5718			*
130B	.4502			*	215B	-3.3576			*	331E	-.1364			*
115B	.0448			*	216B	-3.8994			*	314E	-3.3601			*
116B	-.2038			*	217B	-5.0039			*	315E	-3.7975			*
117B	-2.3192			*	218B	-4.4941			*	316E	-4.3242			*
118B	-3.3812			*	219B	-3.6361			*	317E	-4.0184			*
119B	-3.4746			*	220B	-3.7210			*	318E	-3.2962			*
120B	-2.7100			*	222B	-1.3422			*	319E	-3.0668			*
121B	-1.7609			*	223B	-1.0923			*	320E	-1.7500			*
122B	-1.1722			*	224B	-.9667			*	321E	-1.2110			*
123B	-.8646			*	225B	-.8590			*	322E	-1.0370			*
124B	-.6568			*	226B	-.8146			*	323E	-1.0516			*
125B	-.6091			*	227B	-.7413			*	324E	-1.0199			*
126B	-.6224			*	228B	-.7146			*	325E	-1.0370			*
127B	-.6630			*	229B	-.7046			*	326E	-1.0528			*
*****														

TABLE 214 .- TABULATED PRESSURE DATA FOR RUN 35 AT ALPHA = 24.518 DEGREES AND QINF = 2.91 KN/SQM ( 60.71 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.7210	128B	-.7174	214A	.5973	255C	.4871	313A	.3443	327E	-.9303
113A	.7835	129B	-.7229	213A	.2276	254C	.6503	312A	.1400	328E	-.8695
112A	.2804	157C	.1798	212A	.1096	253C	.7020	311A	.1862	329E	-.8427
111A	.3865	156C	.3756	211A	.2081	252C	.7754	310A	.5341	330E	-.8075
110A	.7464	155C	.6176	210A	.6020	251C	.8461	309A	.6869		
109A	.5086	154C	.7074	209A	.7124	243C	-.2336	308A	.6360		
108A	-.5952	153C	.8080	208A	.0076	244C	-.9949	301A	-.0093		
101A	-2.6925	152C	-.0160	201A	-.9009	245C	-1.3557	302A	-3.1001		
102A	-4.9851	144C	-.4593	202A	-3.8982	246C	-1.2958	303A	-3.8813		
103A	-4.6200	145C	-1.3890	203A	-3.5076	247C	-1.0338	304A	-3.0916		
104A	-3.3039	146C	-1.7043	204A	-3.1425	248C	-.8206	305A	-2.1066		
105A	-2.3189	147C	-1.2802	206A	-1.9198	249C	-.7485	307A	-2.2510		
106A	-2.5567	148C	-.9527	207A	-2.0472	250C	-.7296	345E	.0208		
107A	-2.4123	149C	-.8140	242B	.7020	264D	-.0976	344E	.1144		
142B	.6312	150C	-.7962	241B	.6639	263D	.5415	343E	.1424		
141B	.5551	151C	-.8106	240B	.4953	262D	.6557	342E	.1582		
140B	.5361	166D	-.1873	239B	.4953	261D	.7808	341E	.1266		
139B	.5361	165D	.4844	238B	.4898	256D	.2362	340E	.0913		
138B	.5279	164D	.6448	237B	.4757	257D	-1.0071	339E	.1108		
137B	.4871	159D	-.5453	236B	.5122	258D	-1.0793	338E	.1315		
136B	.4218	160D	-1.3302	235B	.5803	259D	-.8339	337E	.0670		
135B	.4844	161D	-.0946	234B	.6764	260D	-.5986	336E	.3796		
134B	.5823	162D	-.6952	233B	.7493			335E	.5207		
133B	.7020			232B	.7481			334E	.6314		
132B	.7699			231B	.5487			333E	.7019		
131B	.7455			230B	-.7199			332E	.5632		
130B	.4463			215B	-2.7851			331E	-.0485		
115B	.0329			216B	-3.3463			314E	-2.9992		
116B	-.3320			217B	-4.1869			315E	-3.4737		
117B	-2.4208			218B	-3.5501			316E	-3.8982		
118B	-2.5057			219B	-2.5567			317E	-3.5926		
119B	-2.1576			220B	-2.0302			318E	-2.7350		
120B	-1.6651			222B	-.9849			319E	-2.5312		
121B	-1.1570			223B	-.9505			320E	-1.4443		
122B	-.7807			224B	-.8617			321E	-1.2137		
123B	-.7163			225B	-.8206			322E	-1.1760		
124B	-.6907			226B	-.7984			323E	-1.0678		
125B	-.6796			227B	-.7696			324E	-.9984		
126B	-.7229			228B	-.7729			325E	-1.0045		
127B	-.6963			229B	-.7252			326E	-.9607		

TABLE 215.- TABULATED PRESSURE DATA FOR RUN 35 AT ALPHA = 28.529 DEGREES AND QINF = 2.90 KN/SQM ( 60.53 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.7381	128B	-.6557	214A	.5755	255C	.4927	313A	.4145	327E	-.9738
113A	.7845	129B	-.6279	213A	.4364	254C	.6509	312A	.3217	328E	-.9604
112A	.2090	157C	.2172	212A	.2449	253C	.7027	311A	.3559	329E	-.9396
111A	.4899	156C	.4081	211A	.2925	252C	.7681	310A	.6508	330E	-.9140
110A	.7701	155C	.6399	210A	.7190	251C	.8118	309A	.7275		
109A	.5486	154C	.7327	209A	.6593	243C	-.3229	308A	.4039		
108A	-.3286	153C	.8336	208A	-.6011	244C	-1.0365	301A	-.6522		
101A	-1.6656	152C	-.0147	201A	-2.0915	245C	-1.4407	302A	-4.5953		
102A	-1.6145	144C	-.3502	202A	-5.2351	246C	-1.3828	303A	-4.7911		
103A	-1.5123	145C	-1.2636	203A	-4.5271	247C	-1.0866	304A	-3.7777		
104A	-1.4357	146C	-1.5910	204A	-3.2326	248C	-.8762	305A	-2.3640		
105A	-1.4272	147C	-1.1868	206A	-2.2022	249C	-.8294	307A	-2.2447		
106A	-1.4612	148C	-.8717	207A	-2.3129	250C	-.8138	345E	-.0198		
107A	-1.4783	149C	-.7314	242B	.6590	264D	-.1347	344E	.0948		
142B	.6700	150C	-.7002	241B	.6836	263D	.5336	343E	.1266		
141B	.5881	151C	-.7192	240B	.5008	262D	.6536	342E	.1497		
140B	.5772	166D	-.1729	239B	.5145	261D	.7736	341E	.1205		
139B	.5745	165D	.4954	238B	.5063	256D	.1838	340E	.1107		
138B	.5581	164D	.6618	237B	.4962	257D	-1.0933	339E	.1339		
137B	.5117	159D	-.5432	236B	.5401	258D	-1.1968	338E	.1668		
136B	.4790	160D	-1.2035	235B	.6109	259D	-.9352	337E	.0851		
135B	.5363	161D	-.1268	234B	.6869	260D	-.6858	336E	.4193		
134B	.6345	162D	-.6457	233B	.7450			335E	.5560		
133B	.7463			232B	.7219			334E	.6487		
132B	.8036			231B	.5206			333E	.6967		
131B	.7654			230B	-.6481			332E	.5730		
130B	.5008			215B	-2.7780			331E	.0546		
115B	.0371			216B	-3.5648			314E	-2.6450		
116B	-.3286			217B	-4.3738			315E	-3.2156		
117B	-1.9211			218B	-3.8118			316E	-3.6329		
118B	-2.0063			219B	-2.5343			317E	-3.1560		
119B	-1.4612			220B	-2.2958			318E	-2.2277		
120B	-1.0695			222B	-1.0344			319E	-1.8445		
121B	-.9018			223B	-.9864			320E	-1.2739		
122B	-.6568			224B	-.9263			321E	-1.2080		
123B	-.6022			225B	-.8606			322E	-1.1714		
124B	-.5800			226B	-.8550			323E	-1.1031		
125B	-.5978			227B	-.8160			324E	-1.0311		
126B	-.6334			228B	-.8092			325E	-1.0177		
127B	-.6501			229B	-.8016			326E	-.9921		

TABLE 216.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 35

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.850	-.08374	.54148	.25344	.06236	-.13419	.38204	.32723	.10246	-.14227	.05794
.266	-.01305	.99378	.27804	.06727	-.08596	1.11340	.38330	.11824	-.11021	.56653
4.295	.07751	1.30220	.28408	.06772	-.06813	1.58633	.40001	.12287	-.10713	.96302
8.386	.19568	1.56534	.28324	.06784	.06289	1.94241	.40011	.12119	-.00595	1.21979
12.467	.34025	1.72952	.26845	.06509	.23196	2.19454	.37174	.11984	.13109	1.45372
16.455	.38950	1.56639	.22780	.07404	.35187	2.18417	.29828	.12198	.25565	1.66597
18.447	.44408	1.57096	.22037	.07522	.37880	1.97674	.30038	.13484	.30107	1.70586
20.411	.48639	1.47588	.23494	.08912	.39301	1.85005	.30735	.14053	.35000	1.67348
24.518	.45866	1.29679	.23208	.09085	.41563	1.55261	.32272	.15039	.39169	1.55608
28.529	.24984	1.17828	.22193	.08732	.48552	1.63259	.33557	.16030	.47760	1.50568

TABLE 217.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 35

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.850	.01060	-.00761	-.02530	.00003	.00073	-.01640	-.02431	-.00597	-.01203	-.03048
.266	.03200	-.01421	-.02494	-.00005	.00352	-.05894	-.01439	-.00556	-.00786	-.07226
4.295	.04602	-.02759	-.02501	-.00012	.02404	-.13257	-.01572	-.00531	-.00062	-.13521
8.386	.04141	-.05937	-.02534	-.00008	.04663	-.19105	-.01745	-.00493	.03494	-.17985
12.467	.01469	-.07477	-.02419	.00001	.04617	-.23862	-.01714	-.00421	.05156	-.21567
16.455	-.00753	-.07585	-.01511	-.00022	.03565	-.27833	-.00851	-.00362	.04769	-.22088
18.447	-.02239	-.08216	-.01439	-.00024	.02412	-.27166	-.00356	-.00416	.04412	-.21866
20.411	-.03836	-.09127	-.00991	-.00270	.01634	-.25619	-.00203	-.00466	.03825	-.20892
24.518	-.04224	-.06211	-.00953	-.00264	-.00571	-.19624	.00005	-.00512	.01990	-.18307
28.529	-.01496	-.04193	-.00899	-.00236	-.04458	-.20489	.00009	-.00563	-.00682	-.15198

TABLE 218 .- PITCHING-MOMENT COEFFICIENT FOR RUN 35

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.850	.00442	-.30414	-.01679	-.00262	.00908	-.22229	-.03043	-.00485	.01050	-.05943
.266	-.00016	-.44790	-.01809	-.00281	.00483	-.47705	-.03397	-.00546	.00731	-.24746
4.295	-.00576	-.53003	-.01833	-.00285	.00336	-.58272	-.03508	-.00570	.00636	-.31562
8.386	-.01228	-.59452	-.01820	-.00282	-.00536	-.67194	-.03491	-.00570	-.00106	-.37664
12.467	-.02065	-.63041	-.01728	-.00278	-.01679	-.72279	-.03234	-.00576	-.01027	-.44691
16.455	-.02319	-.55840	-.01528	-.00331	-.02463	-.67579	-.02657	-.00598	-.01818	-.55213
18.447	-.02614	-.54799	-.01486	-.00339	-.02623	-.59844	-.02737	-.00680	-.02107	-.57534
20.411	-.02817	-.50530	-.01644	-.00415	-.02657	-.56748	-.02815	-.00699	-.02429	-.57319
24.518	-.02708	-.48593	-.01632	-.00423	-.02769	-.51919	-.02994	-.00754	-.02578	-.53992
28.529	-.01608	-.45998	-.01559	-.00405	-.03118	-.54363	-.03138	-.00808	-.03009	-.55038

TABLE 219 .- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 35 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.203	2.89 (60.35)	-5.89	.2150	.1422	-.3157	.0008	.0028	-.0111
.203	2.89 (60.32)	-3.85	.5581	.1240	-.3584	.0048	.0029	-.0087
.203	2.88 (60.19)	-1.73	.9843	.1222	-.4539	.0047	.0029	-.0112
.203	2.89 (60.42)	.27	1.2662	.1363	-.4668	.0026	.0034	-.0076
.203	2.88 (60.07)	2.29	1.4889	.1565	-.4604	.0012	.0034	-.0066
.203	2.88 (60.09)	4.30	1.7120	.1780	-.4231	.0010	.0039	-.0076
.203	2.89 (60.44)	6.42	1.9394	.2021	-.3999	.0018	.0040	-.0106
.203	2.89 (60.38)	8.39	2.1246	.2364	-.3592	-.0002	.0028	-.0026
.203	2.89 (60.41)	10.41	2.2934	.2703	-.3221	-.0025	.0019	-.0022
.204	2.90 (60.47)	12.47	2.4580	.3084	-.2678	-.0032	.0030	.0025
.203	2.89 (60.29)	14.52	2.4597	.3515	-.2457	-.0103	.0004	.0153
.203	2.89 (60.38)	15.48	2.4584	.3756	-.2492	-.0059	.0032	.0064
.203	2.89 (60.31)	16.45	2.4303	.4028	-.2188	-.0066	.0030	.0041
.203	2.89 (60.39)	17.49	2.4074	.4263	-.1825	-.0072	.0023	.0011
.204	2.89 (60.46)	18.45	2.3699	.4602	-.1203	-.0059	.0041	.0009
.204	2.90 (60.62)	20.41	2.2815	.5172	-.0186	-.0168	-.0048	.0102
.204	2.91 (60.68)	22.47	2.1807	.6085	.0132	-.0116	-.0023	.0038
.204	2.90 (60.66)	24.52	2.1116	.6846	-.0055	-.0117	-.0022	.0038
.204	2.92 (60.93)	26.57	2.0633	.7489	-.0223	-.0122	-.0009	.0011
.204	2.90 (60.48)	28.53	2.0516	.8133	-.0278	-.0116	.0001	.0055





TABLE 221 .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = .239 DEGREES AND QINF = 2.90 KN/SQM ( 60.47 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.2815	128B	-.9381	214A	-.2935	255C	.5076	313A	-.4400	327E	-.3277
115A	-.2514	129B	-1.2112	213A	-.3130	254C	.6441	312A	-.4657	328E	-.2263
112A	-.4070	157C	.2837	212A	-.3313	253C	.6769	311A	-.4168	329E	-.1873
111A	-.2924	156C	.4503	211A	-.3069	252C	.7315	310A	-.5384	330E	-.1579
110A	-.2827	155C	.6523	210A	-.4617	251C	.8025	309A	-.5044		
109A	-.3850	154C	.7342	209A	-.4532	243C	-.7128	308A	-.4873		
108A	-.2145	153C	.8243	208A	-.5555	244C	-1.5165	301A	-.6407		
101A	.4589	152C	-.0821	201A	-.4191	245C	-1.9668	302A	.3481		
102A	.7573	144C	-1.1579	202A	.7488	246C	-1.8921	303A	.7999		
103A	.5101	145C	-2.2064	203A	.6380	247C	-1.5121	304A	.6039		
104A	.1521	146C	-2.5753	204A	.4334	248C	-1.0897	305A	.4163		
105A	-.0270	147C	-2.0181	206A	-.0099	249C	-.7966	307A	-.1804		
106A	-.1719	148C	-1.5076	207A	-.4106	250C	-.6305	345E	.1998		
107A	-.3339	149C	-1.0562	242B	.5731	264D	.1827	344E	.2450		
142B	.4284	150C	-.7442	241B	.4912	263D	.5813	343E	.2438		
141B	.4858	151C	-.6037	240B	.3629	262D	.6742	342E	.2267		
140B	.4503	166D	.1827	239B	.3656	261D	.7643	341E	.1717		
139B	.4448	165D	.5922	238B	.3329	256D	.2845	340E	.1119		
138B	.4202	164D	.7124	237B	.2780	257D	-.8278	339E	.0570		
137B	.4503	159D	-.1891	236B	.2645	258D	-.8066	338E	-.0029		
136B	.1800	160D	-.8857	235B	.3317	259D	-.5157	337E	-.0334		
135B	.1745	161D	-.1434	234B	.4123	260D	-.1669	336E	.1669		
134B	.2564	162D	-.1691	233B	.0545			335E	.2438		
133B	.0271			232B	-.5023			334E	-.2739		
132B	-.4425			231B	-.5585			333E	-.6122		
131B	-.4125			230B	-.8833			332E	-.6940		
130B	-.4180			215B	-.9919			331E	-.8320		
115B	-.4016			216B	-.9732			314E	-.9016		
116B	-.3594			217B	-1.3398			315E	-.8112		
117B	-.5981			218B	-1.5785			316E	-.8965		
118B	-1.2460			219B	-1.4762			317E	-1.0158		
119B	-1.6126			220B	-1.7490			318E	-1.0329		
120B	-1.5699			222B	-1.0061			319E	-1.1181		
121B	-1.1577			223B	-.9593			320E	-.8368		
122B	-.9504			224B	-.9258			321E	-.7282		
123B	-.8757			225B	-.8969			322E	-.6525		
124B	-.8423			226B	-1.0117			323E	-.5926		
125B	-.8389			227B	-.9994			324E	-.5133		
126B	-.8478			228B	-1.0540			325E	-.4766		
127B	-.8735			229B	-1.1800			326E	-.4193		

TABLE 222 .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 4.286 DEGREES AND QINF = 2.88 KN/SQM ( 60.24 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1247	128B	-.9735	* 214A	-.5534	255C	.5276	* 313A	-.6515	327E	-.3450
* 113A	-.2261	129B	-1.1760	* 213A	-.5730	254C	.5784	* 312A	-.6588	328E	-.2984
* 112A	-.3138	157C	.3193	* 212A	-.5804	253C	.7250	* 311A	-.6441	329E	-.2899
* 111A	-.2699	156C	.4810	* 211A	-.5522	252C	.9017	* 310A	-.6984	330E	-.2801
* 110A	-.2620	155C	.6866	* 210A	-.5615	251C	.8839	* 309A	-.7497		
* 109A	-.1507	154C	.7688	* 209A	-.7326	243C	-.6207	* 308A	-1.0749		
* 108A	.2600	153C	.8675	* 208A	-.1849	244C	-1.6056	* 301A	-.5443		
* 101A	.7050	152C	-.0315	* 201A	.1488	245C	-2.1214	* 302A	.6356		
* 102A	.5082	144C	-1.0510	* 202A	.6023	246C	-2.0274	* 303A	.6109		
* 103A	-.0138	145C	-2.1438	* 203A	.2001	247C	-1.6045	* 304A	.2515		
* 104A	-.4074	146C	-2.5253	* 204A	-.1165	248C	-1.1078	* 305A	.0547		
* 105A	-.5443	147C	-1.9636	* 206A	-.4245	249C	-.7934	* 307A	-.5615		
* 106A	-.6385	148C	-1.4300	* 207A	-.8353	250C	-.6200	* 345E	.1784		
* 107A	-.6556	149C	-1.0015	* 242B	.6893	264D	.1850	* 344E	.2409		
* 142B	.4783	150C	-.6938	* 241B	.5331	263D	.6071	* 343E	.2446		
* 141B	.5222	151C	-.5629	* 240B	.4262	262D	.7003	* 342E	.2348		
* 140B	.5167	165D	.1823	* 239B	.4262	261D	.9072	* 341E	.1722		
* 139B	.5112	165D	.5962	* 238B	.3796	256D	.3098	* 340E	.1110		
* 138B	.4893	164D	.7222	* 237B	.3157	257D	-.9269	* 339E	.0533		
* 137B	.4317	159D	-.1803	* 236B	.2911	258D	-.8259	* 338E	-.0067		
* 136B	.2426	160D	-.8504	* 235B	.3377	259D	-.5954	* 337E	-.0104		
* 135B	.2179	161D	-.1109	* 234B	.4284	260D	-.1814	* 336E	.1257		
* 134B	.2810	162D	-.1624	* 233B	.5878			* 335E	.2642		
* 133B	.5441			* 232B	.7802			* 334E	.4431		
* 132B	.5770			* 231B	.4186			* 333E	.7447		
* 131B	-.3357			* 230B	-1.7718			* 332E	.3610		
* 130B	-1.0182			* 215B	-3.5761			* 331E	-.9285		
* 115B	-.7441			* 216B	-2.0077			* 314E	-2.9927		
* 116B	-.5529			* 217B	-2.5553			* 315E	-1.9478		
* 117B	-1.3145			* 218B	-2.5639			* 316E	-1.7661		
* 118B	-2.1189			* 219B	-2.3243			* 317E	-1.8793		
* 119B	-2.3072			* 220B	-2.8548			* 318E	-1.7253		
* 120B	-2.1531			* 222B	-1.3237			* 319E	-1.9649		
* 121B	-1.5307			* 223B	-1.2174			* 320E	-1.1947		
* 122B	-1.2073			* 224B	-1.1380			* 321E	-.9763		
* 123B	-1.0776			* 225B	-1.0708			* 322E	-.8476		
* 124B	-.9948			* 226B	-1.1715			* 323E	-.7557		
* 125B	-.9556			* 227B	-1.1156			* 324E	-.6196		
* 126B	-.9299			* 228B	-1.1659			* 325E	-.5522		
* 127B	-.9321			* 229B	-1.2610			* 326E	-.4492		

TABLE 223. - TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 8.402 DEGREES AND QINF = 2.88 KN/SQM ( 60.17 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.1533	129B	-.9846	214A	-.3195	255C	.5408	313A	-.5060	327E	-.4066
113A	-.1863	129B	-1.1560	213A	-.4189	254C	.6807	312A	-.4962	328E	-.3673
112A	-.4057	157C	.3296	212A	-.4361	253C	.7274	311A	-.4631	329E	-.3526
111A	-.1972	156C	.4942	211A	-.4091	252C	.7987	310A	-.3233	330E	-.3354
110A	-.0492	155C	.6917	210A	-.1348	251C	.8646	309A	-.2633		
109A	.2849	154C	.7740	209A	.0022	243C	-.6582	308A	-.0920		
108A	.6361	153C	.8728	208A	.6019	244C	-1.6275	301A	.4049		
107A	.5762	152C	.0085	201A	.4306	245C	-2.1471	302A	.6190		
102A	-.2890	144C	-.9819	202A	-.0653	246C	-2.0318	303A	-.1263		
103A	-.9743	145C	-2.1012	203A	-.6831	247C	-1.5871	304A	-.4518		
104A	-1.2485	146C	-2.4854	204A	-.7944	248C	-1.0764	305A	-.5546		
105A	-1.1714	147C	-1.9220	206A	-.9658	249C	-.7505	307A	-1.1628		
106A	-1.1542	148C	-1.3744	207A	-1.4112	250C	-.5758	345E	.1542		
107A	-1.0600	149C	-.9499	242B	.6753	264D	.2089	344E	.2155		
142B	.5106	150C	-.6620	241B	.5620	263D	.6204	343E	.2241		
141B	.5628	151C	-.5232	240B	.4449	262D	.7109	342E	.2143		
140B	.5353	166D	.2061	239B	.4613	261D	.8097	341E	.1615		
139B	.5381	165D	.6122	238B	.4311	256D	.3191	340E	.1173		
138B	.5134	164D	.7246	237B	.3848	257D	-.7673	339E	.0781		
137B	.4420	159D	-.1614	236B	.3787	258D	-.7662	338E	.0376		
136B	.3213	160D	-.7987	235B	.4364	259D	-.5433	337E	.0118		
135B	.3268	161D	-.0729	234B	.5296	260D	-.1648	336E	.2081		
124B	.3927	162D	-.1468	233B	.6560			335E	.3529		
133B	.5820			232B	.7763			334E	.5125		
132B	.7658			231B	.4953			333E	.7358		
131B	.4585			230B	-1.5699			332E	.5971		
130B	-.8941			215B	-3.9295			331E	-.4115		
115B	-1.3962			216B	-2.9189			314E	-3.5466		
116B	-.9058			217B	-3.7670			315E	-2.6675		
117B	-2.2422			218B	-3.6042			316E	-2.8333		
118B	-3.0303			219B	-3.0731			317E	-2.7476		
119B	-3.1674			220B	-3.6128			318E	-2.4478		
120B	-2.7819			222B	-1.6263			319E	-2.6534		
121B	-1.8671			223B	-1.4337			320E	-1.6083		
122B	-1.4326			224B	-1.3307			321E	-1.2091		
123B	-1.2355			225B	-1.2232			322E	-1.0201		
124B	-1.1134			226B	-1.2915			323E	-.8999		
125B	-1.0305			227B	-1.2030			324E	-.7023		
126B	-.9644			228B	-1.2220			325E	-.5944		
127B	-.9521			229B	-1.2859			326E	-.4876		

TABLE 224 .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 12.463 DEGREES AND QINF = 2.89 KN/SQM ( 60.28 LB/SQFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.1855	128B	-.9164	214A	.1053	255C	.5580	313A	-.2756	327E	-.5941
113A	.0047	129B	-1.0617	213A	-.2450	254C	.6922	312A	-.2903	328E	-.5586
112A	-.1295	157C	.3553	212A	-.2781	253C	.7333	311A	-.2683	329E	-.5366
111A	-.0117	156C	.5087	211A	-.1973	252C	.7990	310A	.0295	330E	-.4925
110A	.3117	155C	.7004	210A	.2775	251C	.8592	309A	.2348		
109A	.6025	154C	.7798	209A	.5512	243C	-.5061	308A	.5768		
108A	.6709	153C	.3647	208A	.7564	244C	-1.5067	301A	.7222		
101A	.0295	152C	.0266	201A	.4913	245C	-2.0099	302A	-.0816		
102A	-1.3915	144C	-.8608	202A	-1.5354	246C	-1.8523	303A	-1.2789		
103A	-2.0314	145C	-1.9070	203A	-2.0229	247C	-1.4139	304A	-1.3473		
104A	-2.2367	146C	-2.2737	204A	-1.8518	248C	-.9410	305A	-1.2874		
105A	-1.9459	147C	-1.7561	206A	-1.7236	249C	-.6335	307A	-1.7150		
106A	-1.8091	148C	-1.2339	207A	-2.0913	250C	-.4882	345E	.1053		
107A	-1.4927	149C	-.8605	242B	.6922	264D	.2045	344E	.1837		
142B	.5224	150C	-.5609	241B	.6593	263D	.6182	343E	.1972		
141B	.5771	151C	-.4636	240B	.4613	262D	.7113	342E	.1996		
140B	.5607	165D	.2129	239B	.5059	261D	.8045	341E	.1543		
139B	.5607	165D	.6073	238B	.4895	256D	.3369	340E	.1151		
138B	.5443	164D	.7278	237B	.4459	257D	-.6883	339E	.0967		
137B	.4703	159D	-.1427	236B	.4630	258D	-.7140	338E	.0698		
136B	.3881	160D	-.7409	235B	.5218	259D	-.4971	337E	.0379		
135B	.4073	161D	-.0499	234B	.6186	260D	-.1807	336E	.2756		
134B	.4922	162D	-.1416	233B	.7153			335E	.4226		
133B	.6347			232B	.7741			334E	.5696		
132B	.7469			231B	.4887			333E	.7263		
131B	.5689			230B	-1.3769			332E	.5916		
130B	-.4198			215B	-3.7888			331E	-.2377		
115B	-1.0936			216B	-3.8016			314E	-3.6320		
116B	-.9368			217B	-5.0330			315E	-3.4510		
117B	-2.8866			218B	-4.6311			316E	-3.6819		
118B	-3.8615			219B	-3.8444			317E	-3.5451		
119B	-3.8016			220B	-4.3061			318E	-2.9892		
120B	-3.2543			222B	-1.5544			319E	-3.1260		
121B	-2.1630			223B	-1.6230			320E	-1.8176		
122B	-1.5951			224B	-1.4676			321E	-1.3511		
123B	-1.3245			225B	-1.3144			322E	-1.1184		
124B	-1.1613			226B	-1.3379			323E	-.9579		
125B	-1.0372			227B	-1.2037			324E	-.7681		
126B	-.9376			228B	-1.1903			325E	-.7374		
127B	-.9030			229B	-1.1903			326E	-.6676		
*****											

TABLE 225 .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 14.497 DEGREES AND QINF = 2.88 KN/SQM ( 60.23 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.2421	129B	-.7246	214A	.2968	255C	.5655	313A	-.1433	327E	-.7808
113A	.0721	129B	-.7985	213A	-.1556	254C	.7026	312A	-.1826	328E	-.7023
112A	-.0786	157C	.2777	212A	-.2181	253C	.7492	311A	-.1544	329E	-.6288
111A	.0639	156C	.4504	211A	-.1066	252C	.8122	310A	.1654	330E	-.5749
110A	.3703	155C	.6642	210A	.4136	251C	.8725	309A	.3965		
109A	.6446	154C	.7601	209A	.6789	243C	-.5419	308A	.6703		
108A	.6190	153C	.8533	208A	.6703	244C	-1.4284	301A	.6874		
101A	-.1256	152C	.0392	201A	.2938	245C	-1.9152	302A	-.7161		
102A	-1.6661	144C	-.5638	202A	-2.2652	246C	-1.7955	303A	-1.8201		
103A	-2.1382	145C	-1.5090	203A	-2.4706	247C	-1.3339	304A	-1.7346		
104A	-2.3165	146C	-1.8245	204A	-2.2395	248C	-.8735	305A	-1.5377		
105A	-1.9913	147C	-1.3367	206A	-1.8686	249C	-.5904	307A	-1.8972		
106A	-1.7517	148C	-.9328	207A	-2.3251	250C	-.4774	345E	.0896		
107A	-1.3922	149C	-.6844	242B	.6971	264D	.2010	344E	.1656		
142B	.5354	150C	-.5646	241B	.6669	263D	.6149	343E	.1791		
141B	.5765	151C	-.5579	240B	.4943	262D	.7053	342E	.1803		
140B	.5573	166D	.0118	239B	.5080	261D	.8013	341E	.1349		
139B	.5573	165D	.5518	238B	.4997	256D	.3316	340E	.1043		
138B	.5381	164D	.6861	237B	.4684	257D	-.6832	339E	.0945		
137B	.4888	159D	-.1361	236B	.4855	258D	-.7146	338E	.0835		
136B	.3874	160D	-.9551	235B	.5432	259D	-.4997	337E	.0528		
135B	.4202	161D	-.0376	234B	.6376	260D	-.1920	336E	.3090		
134B	.4943	162D	-.3767	233B	.7320			335E	.4524		
133B	.6341			232B	.7663			334E	.5934		
132B	.7382			231B	.4855			333E	.7320		
131B	.5847			230B	-1.3251			332E	.5959		
130B	-.2815			215B	-3.8063			331E	-.1948		
115B	-.9667			216B	-4.0453			314E	-3.5844		
116B	-.8531			217B	-5.3718			315E	-3.6003		
117B	-2.7102			218B	-4.9183			316E	-3.9340		
112B	-3.4976			219B	-4.1737			317E	-3.7629		
119B	-3.4467			220B	-4.5502			318E	-3.1895		
120B	-2.8899			222B	-1.9152			319E	-3.1638		
121B	-1.9029			223B	-1.6567			320E	-1.8116		
122B	-1.4016			224B	-1.4945			321E	-1.2957		
123B	-1.1577			225B	-1.3166			322E	-1.1093		
124B	-1.0223			226B	-1.3277			323E	-1.0529		
125B	-.8880			227B	-1.1856			324E	-.9904		
126B	-.7615			228B	-1.1487			325E	-.8985		
127B	-.7168			229B	-1.1275			326E	-.8531		

TABLE 226 .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 16.476 DEGREES AND QINF = 2.89 KN/SQM ( 60.40 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.3369	128B	-.6999	* 214A	.4978	255C	.5583	* 313A	.0027	327E	-.9056
* 113A	.1538	129B	-.7580	* 213A	-.0743	254C	.6895	* 312A	-.1086	328E	-.7711
* 112A	-.0157	157C	.2741	* 212A	-.1697	253C	.7333	* 311A	-.0731	329E	-.6917
* 111A	.1374	156C	.4381	* 211A	-.0352	252C	.7961	* 310A	.2955	330E	-.6134
* 110A	.4662	155C	.6513	* 210A	.5004	251C	.8645	* 309A	.5260		
* 109A	.6625	154C	.7469	* 209A	.7393	243C	-.3519	* 308A	.7308		
* 108A	.5260	153C	.8481	* 208A	.4662	244C	-1.1462	* 301A	.5516		
* 101A	-.4896	152C	.0363	* 201A	-.1909	245C	-1.6372	* 302A	-1.4284		
* 102A	-2.2136	144C	-.5323	* 202A	-2.9390	246C	-1.4430	* 303A	-2.6061		
* 103A	-2.6488	145C	-1.4598	* 203A	-3.1011	247C	-1.0492	* 304A	-2.2733		
* 104A	-2.6147	146C	-1.7800	* 204A	-2.7086	248C	-.6787	* 305A	-1.9575		
* 105A	-2.2136	147C	-1.3292	* 206A	-2.1026	249C	-.4879	* 307A	-2.1709		
* 106A	-1.8295	148C	-.9164	* 207A	-2.5464	250C	-.4277	* 345E	.0931		
* 107A	-1.5137	149C	-.6854	* 242B	.7169	264D	.1565	* 344E	.1726		
* 142B	.5337	150C	-.5649	* 241B	.6923	263D	.6157	* 343E	.1897		
* 141B	.5802	151C	-.5683	* 240B	.5173	262D	.7141	* 342E	.1861		
* 140B	.5611	166D	-.0266	* 239B	.5255	261D	.8071	* 341E	.1445		
* 139B	.5556	165D	.5419	* 238B	.5119	256D	.3500	* 340E	.1078		
* 138B	.5474	164D	.6895	* 237B	.4733	257D	-.6542	* 339E	.1152		
* 137B	.4982	159D	-.1253	* 236B	.4990	258D	-.7133	* 336E	.1139		
* 136B	.4025	160D	-.9789	* 235B	.5614	259D	-.5125	* 337E	.0724		
* 135B	.4408	161D	-.0260	* 234B	.6579	260D	-.2402	* 336E	.3438		
* 134B	.5255	162D	-.4210	* 233B	.7411			* 335E	.4794		
* 133B	.6567			* 232B	.7545			* 334E	.6102		
* 132B	.7469			* 231B	.4758			* 333E	.7203		
* 131B	.6075			* 230B	-1.2662			* 332E	.5736		
* 130B	-.1797			* 215B	-3.8260			* 331E	-.1941		
* 115B	-.8275			* 216B	-4.3386			* 314E	-3.6036		
* 116B	-.8651			* 217B	-5.7126			* 315E	-3.8436		
* 117B	-2.8195			* 218B	-5.2176			* 316E	-4.3386		
* 118B	-3.6047			* 219B	-4.5605			* 317E	-4.0655		
* 119B	-3.5022			* 220B	-4.6715			* 318E	-3.4169		
* 120B	-2.9219			* 222B	-1.9228			* 319E	-3.2206		
* 121B	-1.8849			* 223B	-1.6550			* 320E	-1.8551		
* 122B	-1.3426			* 224B	-1.4709			* 321E	-1.3335		
* 123B	-1.1228			* 225B	-1.2377			* 322E	-1.1843		
* 124B	-.9722			* 226B	-1.2500			* 323E	-1.1855		
* 125B	-.8305			* 227B	-1.0324			* 324E	-1.0963		
* 126B	-.7089			* 228B	-.9711			* 325E	-1.0327		
* 127B	-.6821			* 229B	-.9264			* 326E	-.9789		

TABLE 227 .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 20.530 DEGREES AND QINF = 2.90 KN/SQM ( 60.67 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.6272	129B	-.6914	* 214A	.5755	255C	.4993	* 313A	.3394	327E	-1.0602
* 113A	.3741	129B	-.7480	* 213A	.1240	254C	.6544	* 312A	.0400	328E	-.9957
* 112A	.0259	157C	.2598	* 212A	-.0342	253C	.6979	* 311A	.0972	329E	-.9385
* 111A	.2516	156C	.4449	* 211A	.0753	252C	.7741	* 310A	.5014	330E	-.8996
* 110A	.6119	155C	.6544	* 210A	.6034	251C	.8503	* 309A	.7053		
* 109A	.6799	154C	.7442	* 209A	.7563	243C	-.2845	* 308A	.7223		
* 108A	.2295	153C	.8367	* 208A	.1446	244C	-1.0791	* 301A	.1955		
* 101A	-1.2489	152C	.0366	* 201A	-.8071	245C	-1.4857	* 302A	-2.6339		
* 102A	-3.1607	144C	-.4995	* 202A	-3.8745	246C	-1.3535	* 303A	-3.6196		
* 103A	-3.5176	145C	-1.4568	* 203A	-3.7300	247C	-1.0135	* 304A	-2.9313		
* 104A	-3.3222	146C	-1.7772	* 204A	-3.2542	248C	-.7658	* 305A	-2.5659		
* 105A	-2.4045	147C	-1.3324	* 206A	-2.1411	249C	-.6936	* 307A	-2.4215		
* 106A	-2.1411	148C	-.9424	* 207A	-2.4555	250C	-.6647	* 345E	-.0160		
* 107A	-1.7502	149C	-.6914	* 242B	.7061	264D	-.0396	* 344E	.1009		
* 142B	.5455	150C	-.5947	* 241B	.6626	263D	.5646	* 343E	.1264		
* 141B	.5782	151C	-.5969	* 240B	.4911	262D	.6843	* 342E	.1386		
* 140B	.5646	166D	-.0287	* 239B	.4966	261D	.7959	* 341E	.1082		
* 139B	.5619	165D	.5483	* 238B	.4802	256D	.2540	* 340E	.0851		
* 138B	.5455	164D	.6898	* 237B	.4745	257D	-.9469	* 339E	.1070		
* 137B	.5102	159D	-.2048	* 236B	.5098	258D	-1.0280	* 338E	.1240		
* 136B	.4367	160D	-.9913	* 235B	.5792	259D	-.7680	* 337E	.0924		
* 135B	.4857	161D	-.0382	* 234B	.6790	260D	-.5214	* 336E	.3747		
* 134B	.5782	162D	-.4403	* 233B	.7605			* 335E	.5232		
* 133B	.6979			* 232B	.7544			* 334E	.6400		
* 132B	.7633			* 231B	.5025			* 333E	.7204		
* 131B	.6353			* 230B	-1.0590			* 332E	.5634		
* 130B	-.0287			* 215B	-3.4445			* 331E	-.1474		
* 115B	-.6274			* 216B	-4.1719			* 314E	-3.4701		
* 116B	-.9345			* 217B	-5.4039			* 315E	-4.0019		
* 117B	-3.1012			* 218B	-4.6732			* 316E	-4.6052		
* 118B	-3.9339			* 219B	-3.9339			* 317E	-4.2313		
* 119B	-3.8150			* 220B	-3.5686			* 318E	-3.4241		
* 120B	-3.8758			* 222B	-1.4812			* 319E	-3.1437		
* 121B	-1.8945			* 223B	-1.2035			* 320E	-1.8012		
* 122B	-1.3624			* 224B	-1.0880			* 321E	-1.2355		
* 123B	-1.1146			* 225B	-.9569			* 322E	-1.0590		
* 124B	-.9424			* 226B	-.8936			* 323E	-1.0614		
* 125B	-.8225			* 227B	-.8225			* 324E	-1.0335		
* 126B	-.7036			* 228B	-.7925			* 325E	-1.0408		
* 127B	-.6914			* 229B	-.7969			* 326E	-1.0663		



TABLE 22B .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 24.507 DEGREES AND QINF = 2.90 KN/SQM ( 60.53 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
114A	.6741	128B	-.7722	214A	.6135	255C	.4996	313A	.3549	327E	-.8941	
113A	.7041	129B	-.7877	213A	.2915	254C	.6550	312A	.1659	328E	-.8441	
112A	.0932	157C	.2132	212A	.1476	253C	.7096	311A	.2208	329E	-.7990	
111A	.3059	156C	.4150	211A	.2317	252C	.7723	310A	.5671	330E	-.7746	
110A	.7119	155C	.6468	210A	.7034	251C	.8432	309A	.7204			
109A	.6012	154C	.7396	209A	.7459	243C	-.2777	308A	.6438			
108A	-.2674	153C	.8350	208A	-.2163	244C	-1.0327	301A	.0051			
101A	-2.3112	152C	.0386	201A	-1.4681	245C	-1.4301	302A	-3.0520			
102A	-4.5423	144C	-.5232	202A	-4.4401	246C	-1.3500	303A	-3.7759			
103A	-4.5678	145C	-1.5103	203A	-3.9973	247C	-1.0316	304A	-2.9669			
104A	-4.1676	146C	-1.8465	204A	-3.3841	248C	-.8111	305A	-2.0131			
105A	-2.8391	147C	-1.3812	206A	-2.0898	249C	-.7610	307A	-2.0727			
106A	-2.4815	148C	-1.0026	207A	-2.2856	250C	-.7432	345E	.0268			
107A	-1.9450	149C	-.8790	242B	.6905	264D	-.1005	344E	.1366			
142B	.5568	150C	-.7911	241B	.6741	263D	.5432	343E	.1537			
141B	.5923	151C	-.8122	240B	.4996	262D	.6632	342E	.1646			
140B	.5732	166D	-.1277	239B	.5105	261D	.7859	341E	.1402			
139B	.5650	165D	.5077	238B	.4968	256D	.2098	340E	.1171			
138B	.5541	164D	.6632	237B	.4915	257D	-1.0371	339E	.1317			
137B	.5214	159D	-.5495	236B	.5318	258D	-1.1173	338E	.1524			
136B	.4641	160D	-1.2743	235B	.6062	259D	-.8545	337E	.1085			
135B	.5296	161D	-.0540	234B	.6916	260D	-.6252	336E	.3976			
134B	.6250	162D	-.6408	233B	.7634			335E	.5342			
133B	.7259			232B	.7562			334E	.6428			
132B	.7587			231B	.5464			333E	.7135			
131B	.6523			230B	-.7526			332E	.5830			
130B	.1150			215B	-2.9092			331E	.0036			
115B	-.4878			216B	-3.6822			314E	-2.7616			
116B	-.9827			217B	-4.5423			315E	-3.2224			
117B	-3.4012			218B	-3.8270			316E	-3.6737			
118B	-4.2187			219B	-2.6518			317E	-3.2990			
119B	-3.9547			220B	-2.3878			318E	-2.3963			
120B	-3.0520			222B	-1.0371			319E	-1.9024			
121B	-1.8777			223B	-1.0160			320E	-1.3148			
122B	-1.2219			224B	-.9458			321E	-1.1369			
123B	-.9013			225B	-.8946			322E	-1.0869			
124B	-.7766			226B	-.8423			323E	-1.0576			
125B	-.7332			227B	-.7933			324E	-.9868			
126B	-.7243			228B	-.7822			325E	-.9527			
127B	-.7488			229B	-.7811			326E	-.9185			
*****												

TABLE 229 .- TABULATED PRESSURE DATA FOR RUN 36 AT ALPHA = 28.535 DEGREES AND QINF = 2.89 KN/SQM ( 60.38 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
114A	.6693	128B	-.7367	214A	.5954	255C	.5052	313A	.4327	327E	-.9088	
113A	.7650	129B	-.7054	213A	.4596	254C	.6611	312A	.3349	328E	-.8819	
112A	.1853	157C	.1990	212A	.3288	253C	.7130	311A	.3875	329E	-.8574	
111A	.4205	156C	.3931	211A	.3618	252C	.7787	310A	.6928	330E	-.8391	
110A	.7355	155C	.6337	210A	.7782	251C	.8306	309A	.7440			
109A	.5050	154C	.7294	209A	.6416	243C	-.3288	308A	.4367			
108A	-.5622	153C	.8306	208A	-.7159	244C	-1.0526	301A	-.6561			
101A	-2.9698	152C	.0267	201A	-2.6026	245C	-1.4566	302A	-4.5065			
102A	-5.1809	144C	-.4354	202A	-5.8127	246C	-1.3952	303A	-4.7199			
103A	-4.6858	145C	-1.4131	203A	-4.8480	247C	-1.0860	304A	-3.6784			
104A	-4.4467	146C	-1.6932	204A	-3.3113	248C	-.8739	305A	-2.3124			
105A	-2.5002	147C	-1.2535	206A	-2.2782	249C	-.8014	307A	-2.1929			
106A	-2.3209	148C	-.9588	207A	-2.3977	250C	-.7858	345E	.0133			
107A	-1.9026	149C	-.8315	242B	.6693	264D	-.0909	344E	.1209			
142B	.5691	150C	-.7780	241B	.7021	263D	.5544	343E	.1429			
141B	.6037	151C	-.7958	240B	.5134	262D	.6720	342E	.1563			
140B	.5873	166D	-.1538	239B	.5189	261D	.7896	341E	.1270			
139B	.5845	165D	.5052	238B	.5134	256D	.1931	340E	.1209			
138B	.5818	164C	.6583	237B	.5220	257D	-1.1028	339E	.1478			
137B	.5462	159D	-.5391	236B	.5721	258D	-1.1943	338E	.1784			
136B	.5134	160D	-1.3059	235B	.6431	259D	-.8935	337E	.1148			
125E	.5763	161D	-.0748	234B	.7189	260D	-.6619	336E	.4303			
134B	.6583	162D	-.7322	233B	.7678			335E	.5623			
133B	.7623			232E	.7299			334E	.6590			
132B	.7759			231B	.5354			333E	.7042			
131B	.6884			230B	-.6667			332E	.5758			
130B	.2126			215B	-2.8862			331E	.0695			
115C	-.3424			216B	-3.7381			314E	-2.5548			
116B	-.9208			217C	-4.5663			315E	-3.0978			
117B	-3.1490			218B	-3.8918			316E	-3.5845			
118B	-3.8064			219B	-2.5770			317E	-3.1149			
119B	-2.9527			220B	-2.3294			318E	-2.2014			
120B	-2.1843			222E	-1.0570			319E	-1.6635			
121B	-1.2535			223B	-1.0034			320E	-1.2281			
122B	-.8617			224B	-.9543			321E	-1.0971			
123B	-.7735			225B	-.8806			322E	-1.0873			
124B	-.7500			226B	-.8594			323E	-1.0091			
125B	-.7300			227B	-.8282			324E	-.9540			
126B	-.7344			228B	-.8181			325E	-.9333			
127B	-.7233			229B	-.8170			326E	-.8892			
*****												

TABLE 230.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 36

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.853	-.10577	.58298	.26344	.06432	-.12933	.37168	.31768	.10061	-.14128	.03135
.239	-.05641	1.01763	.28240	.06863	-.08480	1.10446	.38079	.11698	-.11337	.55581
4.236	.00736	1.34188	.27988	.06773	-.06086	1.59249	.40169	.12248	-.10935	.95739
8.402	.09377	1.61335	.27500	.06666	.06042	1.91870	.39791	.11984	-.00487	1.22299
12.463	.22803	1.78436	.25791	.06518	.23443	2.19713	.37195	.11749	.13412	1.45133
14.497	.24401	1.61737	.22608	.07479	.29512	2.27009	.36228	.11771	.19642	1.56833
16.476	.28634	1.60819	.22354	.07654	.36376	2.28601	.31799	.11996	.27750	1.59063
20.530	.37230	1.66359	.22569	.07785	.42901	1.93359	.32118	.14588	.39709	1.71034
24.507	.47177	1.64969	.24494	.08890	.45851	1.65169	.32705	.15413	.38067	1.47307
28.535	.49340	1.48629	.23478	.09383	.51260	1.66914	.33686	.16115	.47164	1.44017

TABLE 231.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 36

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.053	-.00696	-.02379	-.02576	-.00032	-.00405	-.01636	-.02578	-.00595	-.01112	-.02772
.239	.01755	-.03504	-.02502	-.00026	-.00147	-.05999	-.01448	-.00560	-.00648	-.06961
4.286	.03936	-.06514	-.02449	-.00021	.02133	-.13649	-.01572	-.00534	-.00173	-.13043
8.402	.05421	-.11247	-.02418	-.00010	.04494	-.18989	-.01778	-.00490	.03386	-.18311
12.463	.05045	-.13610	-.02236	.00006	.04941	-.24193	-.01797	-.00414	.05140	-.21360
14.497	.04266	-.12962	-.01521	-.00021	.04216	-.25950	-.01675	-.00406	.04694	-.21377
16.476	.03211	-.13361	-.01442	-.00017	.02995	-.28476	-.01241	-.00357	.04668	-.22542
20.530	.01173	-.14365	-.01377	-.00056	.00638	-.26750	-.00413	-.00503	.03626	-.22227
24.507	-.02025	-.15379	-.01130	-.00265	-.01903	-.21332	-.00125	-.00538	.01795	-.16403
28.525	-.04768	-.17650	-.00949	-.00248	-.05691	-.21330	-.00095	-.00580	-.00706	-.15098

TABLE 232.- PITCHING-MOMENT COEFFICIENT FOR RUN 36

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.853	.00607	-.33418	-.01739	-.00271	.00887	-.21451	-.02955	-.00470	.01046	-.05844
.239	.00250	-.46217	-.01831	-.00288	.00479	-.47401	-.03384	-.00540	.00755	-.24630
4.286	-.00194	-.54027	-.01811	-.00285	.00294	-.58381	-.03520	-.00566	.00645	-.31733
8.402	-.00685	-.60143	-.01772	-.00285	-.00517	-.66526	-.03467	-.00561	-.00107	-.37527
12.463	-.01500	-.63200	-.01667	-.00281	-.01704	-.72551	-.03227	-.00563	-.01045	-.45041
14.497	-.01566	-.56682	-.01517	-.00336	-.02097	-.73602	-.03143	-.00567	-.01435	-.50695
16.476	-.01786	-.55576	-.01503	-.00346	-.02549	-.71717	-.02781	-.00587	-.01965	-.56066
20.530	-.02281	-.56436	-.01525	-.00354	-.02895	-.59766	-.02927	-.00726	-.02770	-.57625
24.507	-.02800	-.55582	-.01704	-.00414	-.03015	-.54460	-.03027	-.00775	-.02488	-.52365
28.535	-.02776	-.53084	-.01647	-.00445	-.03249	-.55485	-.03134	-.00813	-.02969	-.52073

TABLE 233.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 36 OF TEST 218

MACH	Q,KPA (PSF)	ALPHA,DEG	CL	CD	CPM	CRM	CYM	CSF
.203	2.89 (60.36)	-5.90	.1571	.1488	-.2990	.0023	.0036	-.0131
.203	2.89 (60.26)	-3.85	.5352	.1284	-.3537	.0042	.0028	-.0081
.203	2.89 (60.44)	-1.80	.9710	.1210	-.4496	.0091	.0029	-.0078
.203	2.89 (60.42)	.24	1.2541	.1360	-.4730	.0021	.0034	-.0069
.203	2.88 (60.23)	2.32	1.5103	.1512	-.4592	.0020	.0036	-.0102
.203	2.88 (60.19)	4.29	1.7051	.1754	-.4326	.0013	.0038	-.0053
.203	2.88 (60.16)	6.35	1.8887	.2043	-.4140	.0008	.0033	-.0069
.203	2.88 (60.12)	8.40	2.1077	.2317	-.3699	-.0003	.0028	-.0004
.204	2.90 (60.67)	10.50	2.2850	.2639	-.3325	-.0024	.0020	-.0022
.203	2.88 (60.23)	12.46	2.4248	.2966	-.2815	-.0028	.0025	.0034
.203	2.88 (60.12)	13.47	2.4093	.3209	-.2895	-.0113	-.0001	.0130
.203	2.88 (60.18)	14.50	2.4747	.3443	-.2597	-.0124	.0004	.0202
.203	2.88 (60.14)	15.47	2.5033	.3659	-.2391	-.0128	.0006	.0208
.203	2.89 (60.35)	16.48	2.5400	.3878	-.2095	-.0153	-.0001	.0264
.203	2.89 (60.29)	17.55	2.4724	.4200	-.2187	-.0093	.0022	.0038
.203	2.88 (60.25)	18.52	2.4543	.4523	-.1811	-.0149	-.0019	.0113
.204	2.90 (60.62)	20.53	2.4361	.5241	-.0940	-.0357	-.0144	.0188
.204	2.90 (60.49)	22.61	2.3786	.6018	.0139	-.0251	-.0099	.0085
.204	2.90 (60.48)	24.51	2.2809	.6663	.0643	-.0144	-.0033	.0050
.203	2.89 (60.32)	26.55	2.2499	.7371	.0721	-.0159	-.0053	.0046
.203	2.89 (60.33)	28.54	2.2023	.8130	.0668	-.0125	-.0043	.0057

TABLE 234 .- TABULATED PRESSURE DATA FOR RUN 37 AT ALPHA = -3.905 DEGREES AND QINF = 2.89 KN/SQM ( 60.31 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.5234	123B	-.7961	* 214A	-.4674	255C	.5032	* 313A	-.5580	327E	-.3315
* 113A	-.5069	129B	-1.0944	* 213A	-.4466	254C	.5442	* 312A	-.5556	328E	-.2446
* 112A	-.6411	157C	.2815	* 212A	-.4478	253C	.4265	* 311A	-.5568	329E	-.1650
* 111A	-.5398	156C	.4512	* 211A	-.4552	252C	.4795	* 310A	-.6112	330E	-.0989
* 110A	-.6283	155C	.5826	* 210A	-.5001	251C	-.0744	* 309A	-.6027		
* 109A	-.6454	154C	.6236	* 209A	-.4574	243C	-1.7224	* 308A	-.5771		
* 108A	-.6369	153C	.5771	* 208A	-.5001	244C	-1.3369	* 301A	-.5941		
* 101A	-.6369	152C	-.0909	* 201A	-.3976	245C	-1.5537	* 302A	-.2181		
* 102A	.2947	144C	-1.5636	* 202A	.4571	246C	-1.4408	* 303A	.6623		
* 103A	.7050	145C	-2.0487	* 203A	.7392	247C	-1.2520	* 304A	.7477		
* 104A	.6979	146C	-2.2811	* 204A	.6708	248C	-.8776	* 305A	.6452		
* 105A	.5511	147C	-1.8116	* 206A	.3460	249C	-.6139	* 307A	.1238		
* 106A	.3631	148C	-1.3961	* 207A	-.0557	250C	-.4362	* 345E	-.0132		
* 107A	-.0386	149C	-.9670	* 242B	.2158	264D	.2294	* 344E	-.0267		
* 142B	.3526	150C	-.6832	* 241B	.2456	263D	.5497	* 343E	-.0610		
* 141B	.3663	151C	-.5460	* 240B	.1145	262D	.5853	* 342E	-.1271		
* 140B	.2969	166D	.2212	* 239B	-.0197	261D	.6510	* 341E	-.1369		
* 139B	.2596	165D	.5771	* 238B	-.1511	256D	.0845	* 340E	-.2189		
* 138B	.2294	164D	.6620	* 237B	-.3719	257D	-.5547	* 339E	-.2924		
* 137B	.5990	159D	-.1401	* 236B	-.4711	258D	-.5391	* 338E	-.3499		
* 136B	-.1100	160D	-.7424	* 235B	-.5175	259D	-.2508	* 337E	.0308		
* 135B	-.3290	161D	-.1435	* 234B	-.5066	260D	-.0630	* 336E	-.5042		
* 134B	-.4549	162D	-.1245	* 233B	-.4772			* 335E	-.5360		
* 133B	-.5069			* 232B	-.4858			* 334E	-.5605		
* 132B	-.5617			* 231B	-.4907			* 333E	-.5739		
* 131B	-.5672			* 230B	-.4968			* 332E	-.5654		
* 130B	-.5699			* 215B	-.4662			* 331E	-.5862		
* 115B	-.6821			* 216B	-.5087			* 314E	-.5629		
* 116B	-.7480			* 217B	-.5172			* 315E	-.5258		
* 117B	.3118			* 218B	-.5771			* 316E	-.5600		
* 118B	-.6711			* 219B	-.7565			* 317E	-.1412		
* 119B	-1.0300			* 220B	-.8420			* 318E	-.4232		
* 120B	-1.0471			* 222B	-.5614			* 319E	-.4403		
* 121B	-.7100			* 223B	-.5759			* 320E	-.4232		
* 122B	-.6385			* 224B	-.5905			* 321E	-.3732		
* 123B	-.6184			* 225B	-.5882			* 322E	-.3891		
* 124B	-.5949			* 226B	-.7525			* 323E	-.3732		
* 125B	-.6519			* 227B	-.7447			* 324E	-.3719		
* 126B	-.6854			* 228B	-.8408			* 325E	-.3940		
* 127B	-.7178			* 229B	-.9804			* 326E	-.3866		

TABLE 235 .- TABULATED PRESSURE DATA FOR RUN 37 AT ALPHA = .201 DEGREES AND QINF = 2.88 KN/SQM ( 60.19 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.2517	128B	-.9336	* 214A	-.3289	255C	.4970	* 313A	-.4406	327E	-.3203
* 113A	-.3285	129B	-1.1900	* 213A	-.3179	254C	.6314	* 312A	-.4553	328E	-.2198
* 112A	-.3916	157C	.2941	* 212A	-.3449	253C	.6671	* 311A	-.4148	329E	-.1830
* 111A	-.3916	156C	.4669	* 211A	-.3216	252C	.7055	* 310A	-.6055	330E	-.1547
* 110A	-.4771	155C	.6698	* 210A	-.4514	251C	.7357	* 309A	-.5798		
* 109A	-.5028	154C	.7576	* 209A	-.4514	243C	-.7180	* 308A	-.5627		
* 108A	-.7168	153C	.8591	* 208A	-.5284	244C	-1.5001	* 301A	-.6826		
* 101A	-.1174	152C	-.0735	* 201A	-.3743	245C	-1.9368	* 302A	.2851		
* 102A	.6533	144C	-1.0965	* 202A	.7475	246C	-1.8629	* 303A	.7561		
* 103A	.7304	145C	-2.1798	* 203A	.6448	247C	-1.4912	* 304A	.5591		
* 104A	.5420	146C	-2.5548	* 204A	.4392	248C	-1.0814	* 305A	.3964		
* 105A	.2937	147C	-1.9894	* 206A	.0111	249C	-.7825	* 307A	-.1773		
* 106A	.0539	148C	-1.4722	* 207A	-.4086	250C	-.6190	* 345E	.1936		
* 107A	-.2459	149C	-1.0355	* 242B	.5546	264D	.1679	* 344E	.2329		
* 142B	.4614	150C	-.7287	* 241B	.4883	263D	.5574	* 343E	.2317		
* 141B	.4970	151C	-.5955	* 240B	.3626	262D	.6479	* 342E	.2169		
* 140B	.4751	166D	.1789	* 239B	.3599	261D	.7411	* 341E	.1703		
* 139B	.4778	165D	.5821	* 238B	.3270	256D	.2823	* 340E	.1151		
* 138B	.4532	164D	.7055	* 237B	.2734	257D	-.7914	* 339E	.0587		
* 137B	.4422	159D	-.1353	* 236B	.2525	258D	-.7757	* 338E	.0023		
* 136B	.2063	160D	-.8821	* 235B	.3089	259D	-.4981	* 337E	.0538		
* 135B	.2228	161D	-.1566	* 234B	.3752	260D	-.1577	* 336E	.1654		
* 134B	.3626	162D	-.1734	* 233B	-.0137			* 335E	.2047		
* 133B	-.1969			* 232B	-.4933			* 334E	-.2774		
* 132B	-.4986			* 231B	-.5534			* 333E	-.6000		
* 131B	-.5013			* 230B	-.9153			* 332E	-.6761		
* 130B	-.6083			* 215B	-.9729			* 331E	-.8159		
* 115B	-.5562			* 216B	-.9652			* 314E	-.9104		
* 116B	-.5456			* 217B	-1.3077			* 315E	-.8710		
* 117B	-.8624			* 218B	-1.4961			* 316E	-.9224		
* 118B	-1.4362			* 219B	-1.4704			* 317E	-1.0594		
* 119B	-1.6760			* 220B	-1.7702			* 318E	-1.0508		
* 120B	-1.5903			* 222B	-1.0030			* 319E	-1.1536		
* 121B	-1.1721			* 223B	-.9594			* 320E	-.8453		
* 122B	-.9526			* 224B	-.9213			* 321E	-.7264		
* 123B	-.8799			* 225B	-.8944			* 322E	-.6528		
* 124B	-.8418			* 226B	-1.0008			* 323E	-.5927		
* 125B	-.8564			* 227B	-.9795			* 324E	-.5031		
* 126B	-.8508			* 228B	-1.0344			* 325E	-.4749		
* 127B	-.8709			* 229B	-1.1620			* 326E	-.4160		



TABLE 256 .- TABULATED PRESSURE DATA FOR RUN 37 AT ALPHA = 4.284 DEGREES AND QINF = 2.89 KN/SQM ( 60.33 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.1257	128P	-.9493	214A	-.5413	255C	.5202	313A	-.6551	327E	-.3491
113A	-.2735	129B	-1.1460	213A	-.5682	254C	.6707	312A	-.6612	328E	-.2989
112A	-.3912	157C	.3040	212A	-.5707	253C	.7117	311A	-.6490	329E	-.2867
111A	-.3611	156C	.4654	211A	-.5411	252C	.7911	310A	-.6958	330E	-.2830
110A	-.4395	155C	.6707	210A	-.5581	251C	.8677	309A	-.7386		
109A	-.5335	154C	.7555	209A	-.7727	243C	-.6265	308A	-1.0718		
108A	-.2942	153C	.8540	208A	-.2259	244C	-1.6029	301A	-.4993		
101A	.3637	152C	-.0327	201A	.0988	245C	-2.1145	302A	.6371		
102A	.6969	144C	-1.0124	202A	.6457	246C	-2.0162	303A	.6200		
103A	.4833	145C	-2.1011	203A	.2270	247C	-1.6051	304A	.2099		
104A	.0646	146C	-2.4921	204A	-.0464	248C	-1.1102	305A	.0475		
105A	-.1661	147C	-1.9436	206A	-.4395	249C	-.7840	307A	-.6019		
106A	-.3882	148C	-1.3884	207A	-.8411	250C	-.6120	345E	.1821		
107A	-.6617	149C	-.9661	242B	.6707	264D	.1835	344E	.2408		
142B	.4218	150C	-.6635	241B	.5174	263D	.6023	343E	.2420		
141B	.5174	151C	-.5472	240B	.4107	262D	.6953	342E	.2298		
140B	.5065	166D	.1808	239B	.4080	261D	.8048	341E	.1649		
139B	.5037	165D	.5913	238B	.3669	256D	.3175	340E	.1074		
138B	.4764	164D	.7117	237B	.3118	257D	-.3108	339E	.0487		
137B	.4134	159D	-.1215	236B	.2996	258D	-.8075	338E	-.0113		
136B	.2437	160D	-.8376	235B	.3363	259D	-.5796	337E	.0597		
135B	.2355	161D	-.1171	234B	.4317	260D	-.1729	336E	.1209		
134B	.3258	162D	-.1651	233B	.5896			335E	.2555		
153B	.6543			232B	.7818			334E	.4403		
132P	.0960			231B	.4342			333E	.7426		
131P	-.5636			230B	-1.7767			332E	.3546		
120B	-1.2669			215B	-3.4812			321E	-1.0137		
115B	-.9522			216B	-2.0203			314E	-3.1667		
116B	-.9009			217B	-2.5671			315E	-1.9605		
117B	-1.7466			218B	-2.5415			316E	-1.8152		
118B	-2.4390			219B	-2.3023			317E	-1.8836		
119B	-2.5159			220B	-2.7637			318E	-1.7298		
120B	-2.2168			222B	-1.3191			319E	-2.0203		
121B	-1.5671			223B	-1.2040			320E	-1.2000		
122B	-1.2275			224B	-1.1348			321E	-.9782		
123B	-1.0800			225B	-1.0722			322E	-.8461		
124B	-.9918			226B	-1.1661			323E	-.7506		
125B	-.9438			227B	-1.1091			324E	-.6233		
126B	-.9114			228B	-1.1605			325E	-.5548		
127B	-.9169			229B	-1.2543			326E	-.4519		

TABLE 237 .- TABULATED PRESSURE DATA FOR RUN 37 AT ALPHA = 8.347 DEGREES AND QINF = 2.88 KN/SQM ( 60.15 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.1784	128B	-.9538	214A	-.3174	255C	.5572	313A	-.4966	327E	-.4131
113A	-.2936	129B	-1.1006	213A	-.4340	254C	.6944	312A	-.4917	328E	-.3641
112A	-.3650	157C	.3266	212A	-.4402	253C	.7383	311A	-.4524	329E	-.3456
111A	-.2909	156C	.4803	211A	-.3984	252C	.8069	310A	-.3151	330E	-.3309
110A	-.2465	155C	.6752	210A	-.1437	251C	.8701	309A	-.2465		
109A	-.1094	154C	.7603	209A	.0105	243C	-.6641	308A	-.0752		
108A	.2762	153C	.8591	208A	.6104	244C	-1.6305	301A	.4218		
101A	.6532	152C	-.0027	201A	.3790	245C	-2.1492	302A	.6875		
102A	.4304	144C	-.9221	202A	-.0752	246C	-2.0417	303A	.0105		
103A	-.1609	145C	-2.0069	203A	-.7436	247C	-1.6014	304A	-.4693		
104A	-.5722	146C	-2.3901	204A	-.8121	248C	-1.0871	305A	-.5208		
105A	-.7436	147C	-1.8389	206A	-1.0006	249C	-.7600	307A	-1.1206		
106A	-.9321	148C	-1.3034	207A	-1.4034	250C	-.5852	345E	.1576		
107A	-1.1292	149C	-.8989	242B	.6834	264D	.2141	344E	.2165		
142B	.5242	150C	-.6054	241B	.5846	263D	.6258	343E	.2239		
141B	.5627	151C	-.4866	240B	.4447	262D	.7219	342E	.2178		
140B	.5490	166D	.1977	239B	.4501	261D	.8289	341E	.1637		
139B	.5490	165D	.6011	238B	.4200	256D	.3111	340E	.1122		
138B	.5297	164D	.7164	237B	.3921	257D	-.7768	339E	.0729		
137B	.4337	159D	-.1203	236B	.3871	258D	-.7779	338E	.0361		
136B	.3321	160D	-.7667	235B	.4387	259D	-.5438	337E	.0643		
135B	.3404	161D	-.0755	234B	.5332	260D	-.1617	336E	.2104		
134B	.4309	162D	-.1472	233B	.6633			335E	.3491		
133B	.6450			232B	.7848			334E	.5148		
132B	.6972			231B	.5013			333E	.7394		
131B	-.0411			230B	-1.5547			332E	.6007		
130B	-1.5808			215B	-3.9347			331E	-.3837		
115B	-1.7976			216B	-2.8773			314E	-3.4989		
116B	-1.3962			217B	-3.8456			315E	-2.8858		
117B	-2.7659			218B	-3.5799			316E	-2.8430		
118B	-3.4086			219B	-3.0829			317E	-2.8173		
119B	-3.2543			220B	-3.5685			318E	-2.4317		
120B	-2.8601			222B	-1.6215			319E	-2.7059		
121B	-1.9419			223B	-1.4501			320E	-1.6176		
122B	-1.4535			224B	-1.3325			321E	-1.2048		
123B	-1.2384			225B	-1.2227			322E	-1.0256		
124B	-1.1185			226B	-1.2955			323E	-.8992		
125B	-1.0255			227B	-1.2014			324E	-.7077		
126B	-.9538			228B	-1.2228			325E	-.6022		
127B	-.9336			229B	-1.2843			326E	-.4942		

TABLE 23B .- TABULATED PRESSURE DATA FOR RUN 37 AT ALPHA = 12.364 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.0501	128B	-.8664	214A	.1141	255C	.5697	313A	-.2699	327E	-.5695
113A	-.1577	129B	-.9580	213A	-.2442	254C	.7064	312A	-.3090	328E	-.5304
112A	-.2480	157C	.3536	212A	-.2785	253C	.7474	311A	-.2687	329E	-.5255
111A	-.1495	156C	.5040	211A	-.2014	252C	.8103	310A	.0653	330E	-.4815
110A	.0738	155C	.6845	210A	.2617	251C	.8732	309A	.2617		
109A	.3556	154C	.7666	209A	.5263	243C	-.6144	308A	.6032		
108A	.6544	153C	.8568	208A	.7398	244C	-1.5362	301A	.7739		
101A	.5605	152C	.0255	201A	.4410	245C	-2.0374	302A	-.0030		
102A	-.2592	144C	-.7867	202A	-1.4204	246C	-1.9102	303A	-1.1813		
103A	-.9849	145C	-1.7885	203A	-1.9583	247C	-1.4413	304A	-1.2667		
104A	-1.4118	146C	-2.1323	204A	-1.7705	248C	-.9524	305A	-1.1899		
105A	-1.4375	147C	-1.6177	206A	-1.6062	249C	-.6443	307A	-1.6765		
106A	-1.5228	148C	-1.1254	207A	-2.0693	250C	-.4981	345E	.1080		
107A	-1.6253	149C	-.7503	242B	.6982	264D	.2142	344E	.1838		
142B	.5286	150C	-.5115	241B	.6599	263D	.6326	343E	.1948		
141B	.5751	151C	-.4032	240B	.4904	262D	.7201	342E	.1948		
140B	.5560	166D	.2005	239B	.5040	261D	.8240	341E	.1496		
139B	.5560	165D	.6080	236B	.4876	256D	.3302	340E	.1129		
138B	.5346	164D	.7228	237B	.4566	257D	-.6778	339E	.0884		
137B	.4603	159D	-.1007	236B	.4651	258D	-.7102	338E	.0713		
136B	.3919	160D	-.6979	235B	.5275	259D	-.4947	337E	.0713		
135B	.4111	161D	-.0493	234B	.6217	260D	-.1888	336E	.2817		
134B	.5013	162D	-.1420	233B	.7244			335E	.4199		
133B	.6791			232B	.7794			334E	.5666		
132B	.7119			231B	.4981			333E	.7256		
131B	.2251			230B	-1.3829			332E	.5911		
130B	-1.3172			215B	-3.7861			331E	-.2516		
115B	-1.8423			216B	-3.7001			314E	-3.6173		
116B	-1.8644			217B	-4.9381			315E	-3.4013		
117B	-3.7343			218B	-4.5454			316E	-3.6830		
118B	-4.3234			219B	-3.7599			317E	-3.5806		
119B	-4.0587			220B	-4.2722			318E	-3.0085		
120B	-3.3415			222B	-1.8711			319E	-3.1451		
121B	-2.2295			223B	-1.6266			320E	-1.8217		
122B	-1.6199			224B	-1.4349			321E	-1.3584		
123B	-1.3375			225B	-1.3219			322E	-1.1260		
124B	-1.1768			226B	-1.3520			323E	-.9609		
125B	-1.0283			227B	-1.2181			324E	-.7738		
126B	-.9111			228B	-1.2013			325E	-.6980		
127B	-.8731			229B	-1.2025			326E	-.6466		
*****											

TABLE 239 .- TABULATED PRESSURE DATA FOR RUN 37 AT ALPHA = 14.412 DEGREES AND QINF = 2.89 KN/SQM ( 60.33 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.0875	128B	-.6490	214A	.2809	255C	.5773	313A	-.1376	327E	-.7691
113A	-.1041	129B	-.7015	213A	-.1719	254C	.7059	312A	-.2147	328E	-.6957
112A	-.1889	157C	.270E	212A	-.2282	253C	.7442	311A	-.1572	329E	-.6333
111A	-.0986	156C	.4322	211A	-.1132	252C	.8099	310A	.1840	330E	-.5623
110A	.0985	155C	.6457	210A	.3805	251C	.8673	309A	.4061		
109A	.3976	154C	.7305	209A	.6709	243C	-.5747	308A	.6880		
108A	.6453	153C	.8290	208A	.6956	244C	-1.4566	301A	.7051		
101A	.4659	152C	.0191	201A	.2609	245C	-1.9492	302A	-.6362		
102A	-.4141	144C	-.4844	202A	-2.0715	246C	-1.8297	303A	-1.7640		
103A	-1.0549	145C	-1.3628	203A	-2.4389	247C	-1.3728	304A	-1.7554		
104A	-1.4906	146C	-1.6677	204A	-2.1741	248C	-.8936	305A	-1.5539		
105A	-1.4479	147C	-1.1997	206A	-1.8750	249C	-.6110	307A	-1.9178		
106A	-1.4991	148C	-.8210	207A	-2.2851	250C	-.4736	345E	.0912		
107A	-1.5760	149C	-.6278	242B	.6895	264D	.2106	344E	.1659		
142B	.5390	150C	-.5340	241B	.6566	263D	.6265	343E	.1818		
141B	.5718	151C	-.5083	240B	.4924	262D	.7196	342E	.1818		
140B	.5636	166D	-.0056	239B	.5061	261D	.8181	341E	.1353		
139B	.5609	165D	.5390	238B	.4924	256D	.3317	340E	.0985		
129B	.5444	164D	.6752	237B	.4681	257D	-.6736	339E	.0912		
137B	.4897	159D	-.1151	236B	.4926	258D	-.7082	338E	.0802		
136B	.3939	160D	-.9026	235B	.5526	259D	-.4926	337E	.0802		
135B	.4240	161D	-.0693	234B	.6395	260D	-.1855	336E	.3029		
134B	.5143	162D	-.3955	233B	.7349			335E	.4461		
133B	.6813			232B	.7741			334E	.5893		
132B	.7086			231B	.4902			333E	.7251		
131B	.2735			230B	-1.3198			332E	.5917		
130B	-1.1630			215B	-3.7919			331E	-.2037		
115B	-1.6930			216B	-4.0109			314E	-3.5924		
116B	-1.7811			217B	-5.3266			315E	-3.6607		
117B	-3.4385			218B	-4.9060			316E	-4.0195		
118B	-3.9682			219B	-4.1562			317E	-3.8144		
119B	-3.5923			220B	-4.5236			318E	-3.2762		
120B	-2.9174			222B	-1.9146			319E	-3.2335		
121B	-1.9162			223B	-1.6599			320E	-1.8665		
122B	-1.3952			224B	-1.4979			321E	-1.2672		
123B	-1.1304			225B	-1.3242			322E	-1.0971		
124B	-.9841			226B	-1.3393			323E	-1.0383		
125B	-.8411			227B	-1.1963			324E	-.9637		
126B	-.7160			228B	-1.1651			325E	-.9135		
127B	-.6658			229B	-1.1595			326E	-.8511		

TABLE 240 .- TABULATED PRESSURE DATA FOR RUN 37 AT ALPHA = 16.455 DEGREES AND QINF = 2.87 KN/SQM ( 60.03 LB/SQFT )

*****														
WING STATION A				*	WING STATION B				*	WING STATION C				*
TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*
114A	.2280	128B	-.6539	*	214A	.4982	255C	.5720	*	313A	-.0137	327E	-.8789	*
113A	-.0444	129B	-.6998	*	213A	-.0863	254C	.7068	*	312A	-.1233	328E	-.7755	*
112A	-.1765	157C	.2639	*	212A	-.1762	253C	.7481	*	311A	-.0814	329E	-.6881	*
111A	-.0416	156C	.4316	*	211A	-.0482	252C	.8031	*	310A	.3339	330E	-.6167	*
110A	.2651	155C	.6463	*	210A	.4627	251C	.8664	*	309A	.5315			*
109A	.5229	154C	.7343	*	209A	.7033	243C	-.4489	*	308A	.7291			*
108A	.6775	153C	.8279	*	208A	.4541	244C	-1.2840	*	301A	.5658			*
101A	.2909	152C	.0216	*	201A	-.2074	245C	-1.7198	*	302A	-1.4187			*
102A	-.7658	144C	-.4709	*	202A	-3.1112	246C	-1.6199	*	303A	-2.5700			*
103A	-1.4789	145C	-1.3716	*	203A	-3.2830	247C	-1.0965	*	304A	-2.2177			*
104A	-1.7882	146C	-1.6592	*	204A	-2.8277	248C	-.7471	*	305A	-1.9170			*
105A	-1.6679	147C	-1.1886	*	206A	-2.1232	249C	-.5281	*	307A	-2.1318			*
106A	-1.7108	148C	-.8134	*	207A	-2.5700	250C	-.4416	*	345E	.0847			*
107A	-1.7023	149C	-.6449	*	242B	.7068	264D	.1840	*	344E	.1647			*
142B	.5362	150C	-.5573	*	241B	.6793	263D	.6187	*	343E	.1807			*
141B	.5637	151C	-.5427	*	240B	.5169	262D	.7150	*	342E	.1819			*
140B	.5527	166D	-.0306	*	239B	.5142	261D	.8169	*	341E	.1425			*
139B	.5445	165D	.5334	*	238B	.5059	256D	.3401	*	340E	.1044			*
138B	.5279	164D	.6793	*	237B	.4797	257D	-.6640	*	339E	.1056			*
137B	.4812	159D	-.1159	*	236B	.5043	258D	-.7179	*	338E	.1019			*
136B	.3959	160D	-.9246	*	235B	.5663	259D	-.5079	*	337E	.0859			*
135B	.4316	161D	-.0608	*	234B	.6582	260D	-.2159	*	336E	.3284			*
134B	.5279	162D	-.4180	*	233B	.7492			*	335E	.4760			*
123B	.6710			*	232B	.7615			*	334E	.6077			*
132B	.6930			*	231B	.4810			*	333E	.7160			*
101B	.3188			*	230B	-1.2739			*	332E	.5683			*
130B	-1.0597			*	215B	-3.8581			*	331E	-.2008			*
115B	-1.6431			*	216B	-4.3569			*	314E	-3.6292			*
116B	-1.8483			*	217B	-5.7315			*	315E	-3.8415			*
117B	-3.6439			*	218B	-5.1989			*	316E	-4.3226			*
118B	-4.1164			*	219B	-4.5545			*	317E	-4.0820			*
119B	-3.8157			*	220B	-4.7178			*	318E	-3.4119			*
120B	-2.9995			*	222B	-1.9602			*	319E	-3.3088			*
121B	-1.9097			*	223B	-1.6862			*	320E	-1.8913			*
122B	-1.3638			*	224B	-1.5087			*	321E	-1.3366			*
123B	-1.1167			*	225B	-1.3110			*	322E	-1.2283			*
124B	-.9504			*	226B	-1.2627			*	323E	-1.2050			*
125B	-.7966			*	227B	-1.1043			*	324E	-1.1200			*
126B	-.6876			*	228B	-1.0279			*	325E	-1.0511			*
127B	-.6472			*	229B	-.9909			*	326E	-.9933			*
*****														

TABLE 241. - TABULATED PRESSURE DATA FOR RUN 37 AT ALPHA = 20.496 DEGREES AND QINF = 2.88 KN/SQM ( 60.25 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.4739	128B	-.7166	214A	.5824	255C	.5095	313A	.3385	327E	-1.0599
113A	.1012	129B	-.7826	213A	.1583	254C	.6602	312A	.0443	328E	-.9618
112A	-.1592	157C	.2382	212A	-.0635	253C	.7095	311A	.1044	329E	-.8920
111A	.0299	156C	.4273	211A	.0554	252C	.7753	310A	.4723	330E	-.8797
110A	.4380	155C	.6410	210A	.6519	251C	.8465	309A	.7118		
109A	.6605	154C	.7314	209A	.7974	243C	-.3208	308A	.6947		
108A	.6263	153C	.8246	208A	.1300	244C	-1.1059	301A	.1899		
101A	-.1010	152C	.0190	201A	-.9566	245C	-1.5030	302A	-2.7533		
102A	-1.5384	144C	-.5264	202A	-4.2250	246C	-1.3966	303A	-3.7031		
103A	-2.1630	145C	-1.4840	203A	-3.9940	247C	-1.0611	304A	-2.9758		
104A	-2.3598	146C	-1.7737	204A	-3.4606	248C	-.8050	305A	-2.5138		
105A	-2.1288	147C	-1.3329	206A	-2.3769	249C	-.7155	307A	-2.4197		
106A	-2.0261	148C	-.9537	207A	-2.7106	250C	-.6651	345E	-.0157		
107A	-1.9748	149C	-.7446	242B	.6849	264D	-.0194	344E	.1007		
142B	.5451	150C	-.6405	241B	.6465	263D	.5615	343E	.1240		
141B	.5780	151C	-.6271	240B	.4738	262D	.6684	342E	.1387		
140B	.5643	166D	-.0441	239B	.4821	261D	.7808	341E	.1093		
139B	.5670	165D	.5341	238B	.4711	256D	.2443	340E	.0836		
138B	.5478	164D	.6766	237B	.4819	257D	-.9526	339E	.1007		
137B	.5095	159D	-.1327	236B	.5186	258D	-1.0041	338E	.1191		
136B	.4410	160D	-1.0455	235B	.5946	259D	-.7613	337E	.0970		
135B	.4903	161D	-.0398	234B	.6865	260D	-.4873	336E	.3691		
134B	.5862	162D	-.4817	233B	.7613			335E	.5186		
133B	.7123			232B	.7637			334E	.6436		
132B	.6958			231B	.4966			333E	.7196		
131B	.3588			230B	-1.1187			332E	.5603		
130B	-.8552			215B	-3.7169			331E	-.1456		
115B	-1.5211			216B	-4.5244			314E	-3.4767		
116B	-2.0175			217B	-5.8421			315E	-4.0624		
117B	-3.9768			218B	-5.2260			316E	-4.6784		
118B	-4.3704			219B	-4.4218			317E	-4.3020		
119B	-4.0196			220B	-4.4817			318E	-3.4806		
120B	-3.0357			222B	-1.7110			319E	-3.1811		
121B	-1.8542			223B	-1.4247			320E	-1.8036		
122B	-1.3206			224B	-1.2121			321E	-1.2437		
123B	-1.0813			225B	-1.0220			322E	-1.0709		
124B	-.9291			226B	-.9504			323E	-1.0721		
125B	-.7669			227B	-.8463			324E	-1.0378		
126B	-.7289			228B	-.8117			325E	-1.0476		
127B	-.7009			229B	-.8564			326E	-1.0599		

TABLE 242 .- TABULATED PRESSURE DATA FOR RUN 37 AT ALPHA = 24.523 DEGREES AND QINF = 2.89 KN/SQM ( 60.38 LB/SQFT )

*****														
WING STATION A				*	WING STATION B				*	WING STATION C				*
TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*
114A	.5886	128B	-.8257	*	214A	.6114	255C	.4956	*	313A	.3460	327E	-.8817	*
113A	.4273	129B	-.9216	*	213A	.3203	254C	.6460	*	312A	.1540	328E	-.8414	*
112A	-.0813	157C	.2304	*	212A	.1491	253C	.6980	*	311A	.2152	329E	-.8096	*
111A	.0992	156C	.4273	*	211A	.2323	252C	.7718	*	310A	.5319	330E	-.7814	*
110A	.6173	155C	.6542	*	210A	.7197	251C	.8401	*	309A	.7112			*
109A	.7112	154C	.7472	*	209A	.7539	243C	-.3055	*	308A	.6258			*
108A	.3953	153C	.8456	*	208A	-.2023	244C	-1.0589	*	301A	.0112			*
101A	-.8596	152C	.0499	*	201A	-1.4145	245C	-1.4607	*	302A	-3.0195			*
102A	-2.7719	144C	-.6500	*	202A	-4.6927	246C	-1.3882	*	303A	-3.8476			*
103A	-3.2244	145C	-1.6449	*	203A	-4.1378	247C	-1.0489	*	304A	-3.0365			*
104A	-3.2244	146C	-2.0556	*	204A	-3.5232	248C	-.8391	*	305A	-2.0548			*
105A	-2.7548	147C	-1.5255	*	206A	-2.2170	249C	-.7743	*	307A	-2.1231			*
106A	-2.3877	148C	-1.1159	*	207A	-2.4219	250C	-.7475	*	345E	.0354			*
107A	-2.2426	149C	-.9328	*	242B	.6952	264D	-.1059	*	344E	.1357			*
142B	.5530	150C	-.8458	*	241B	.6788	263D	.5394	*	343E	.1540			*
141B	.5941	151C	-.7933	*	240B	.5093	262D	.6569	*	342E	.1760			*
140B	.5695	166D	-.0731	*	239B	.5148	261D	.7745	*	341E	.1430			*
139B	.5749	165D	.5257	*	238B	.5066	256D	.2168	*	340E	.1137			*
138B	.5667	164D	.6761	*	237B	.4940	257D	-1.0377	*	339E	.1271			*
137B	.5230	159D	-.2207	*	236B	.5331	258D	-1.1237	*	338E	.1455			*
136B	.4902	160D	-1.3078	*	235B	.6053	259D	-.8614	*	337E	.1076			*
135B	.5558	161D	-.0589	*	234B	.6933	260D	-.6281	*	336E	.3925			*
134B	.6433	162D	-.6169	*	233B	.7642			*	335E	.5282			*
133B	.7526			*	232B	.7532			*	334E	.6419			*
132B	.7062			*	231B	.5343			*	333E	.7080			*
131B	.4109			*	230B	-.7827			*	332E	.5722			*
130B	-.6801			*	215B	-3.0486			*	331E	-.0306			*
115B	-1.4402			*	216B	-3.8134			*	314E	-2.9336			*
116B	-2.2255			*	217B	-4.7013			*	315E	-3.2756			*
117B	-4.5391			*	218B	-4.1975			*	316E	-3.7110			*
118B	-4.9659			*	219B	-2.9085			*	317E	-3.3780			*
119B	-4.4622			*	220B	-2.7548			*	318E	-2.3877			*
120B	-3.3183			*	222B	-1.1293			*	319E	-2.0121			*
121B	-2.0255			*	223B	-1.0299			*	320E	-1.2438			*
122B	-1.3502			*	224B	-.9886			*	321E	-1.1006			*
123B	-1.0176			*	225B	-.8960			*	322E	-1.0370			*
124B	-.8636			*	226B	-.8636			*	323E	-.9563			*
125B	-.7598			*	227B	-.8257			*	324E	-.9502			*
126B	-.7527			*	228B	-.8056			*	325E	-.9294			*
127B	-.8000			*	229B	-.8089			*	326E	-.9245			*
*****														

TABLE 243 .- TABULATED PRESSURE DATA FOR RUN 37 AT ALPHA = 28.550 DEGREES AND QINF = 2.90 KN/SQM ( 60.58 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.5425	128B	-.8463	214A	.5835	255C	.4962	313A	.4348	327E	-.8925
113A	.6706	129B	-.8908	213A	.5433	254C	.6570	312A	.3324	328E	-.8608
112A	.0438	157C	.2073	212A	.3568	253C	.7087	311A	.3483	329E	-.8413
111A	.2155	156C	.4199	211A	.3934	252C	.7714	310A	.6345	330E	-.8279
110A	.7025	155C	.6597	210A	.7706	251C	.8314	309A	.6940		
109A	.6685	154C	.7523	209A	.6089	243C	-.3160	308A	.3792		
108A	-.0037	153C	.8423	208A	-1.0248	244C	-1.1011	301A	-.6504		
101A	-1.7395	152C	.0710	201A	-3.1435	245C	-1.5038	302A	-4.4624		
102A	-3.8582	144C	-.5776	202A	-6.2913	246C	-1.4315	303A	-4.8027		
103A	-4.1901	145C	-1.5605	203A	-5.4409	247C	-1.1122	304A	-3.6880		
104A	-3.9774	146C	-1.9388	204A	-3.4328	248C	-.8908	305A	-2.3522		
105A	-2.9137	147C	-1.4649	206A	-2.4968	249C	-.8196	307A	-2.1820		
106A	-2.7180	148C	-1.1122	207A	-2.6159	250C	-.8174	345E	.0192		
107A	-2.4883	149C	-.9387	242B	.6760	264D	-.0898	344E	.1289		
142B	.5725	150C	-.8886	241B	.7224	263D	.5452	343E	.1606		
141B	.6243	151C	-.9064	240B	.5289	262D	.6651	342E	.1740		
140B	.5861	166D	-.1497	239B	.5425	261D	.7850	341E	.1447		
139B	.5807	165D	.5234	238B	.5289	256D	.1849	340E	.1350		
138B	.5779	164D	.6815	237B	.5262	257D	-1.0933	339E	.1594		
137B	.5589	159D	-.3491	236B	.5774	258D	-1.2101	338E	.1813		
136B	.5371	160D	-1.4148	235B	.6420	259D	-.9209	337E	.1325		
135B	.6025	161D	-.0454	234B	.7188	260D	-.6583	336E	.4360		
134B	.6815	162D	-.7295	233B	.7675			335E	.5664		
133B	.7632			232B	.7273			334E	.6615		
132B	.7169			231B	.5177			333E	.7066		
131B	.4744			230B	-.7389			332E	.5762		
130B	-.4250			215B	-3.0047			331E	.0484		
115B	-1.3842			216B	-3.9859			314E	-2.6646		
116B	-2.3777			217B	-4.8963			315E	-3.1520		
117B	-4.7346			218B	-4.1901			316E	-3.5689		
118B	-5.0835			219B	-2.8372			317E	-3.0073		
119B	-4.4794			220B	-2.7521			318E	-2.0373		
120B	-3.2116			222B	-1.1078			319E	-1.5183		
121B	-1.8698			223B	-1.0344			320E	-1.1014		
122B	-1.1423			224B	-1.0143			321E	-1.0582		
123B	-.8409			225B	-.9365			322E	-.9705		
124B	-.7596			226B	-.9242			323E	-.9229		
125B	-.7418			227B	-.8497			324E	-.8864		
126B	-.7996			228B	-.8330			325E	-.8949		
127B	-.8107			229B	-.8541			326E	-.8973		



TABLE 244.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 37

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.905	-.12091	.51339	.24845	.06260	-.12827	.30891	.27960	.09016	-.13956	.04777
.201	-.08499	1.03630	.28240	.06848	-.08842	1.08241	.37340	.11212	-.11152	.56363
4.284	-.04040	1.35436	.27405	.06739	-.06357	1.57745	.39868	.12053	-.10774	.96516
8.347	.02468	1.64084	.26351	.06548	.06445	1.92198	.40201	.12112	-.00937	1.23546
12.364	.12989	1.82245	.24196	.06419	.22167	2.19581	.37876	.11922	.12334	1.44803
14.412	.14060	1.62576	.21050	.07415	.28683	2.27078	.36715	.11839	.19562	1.57606
16.455	.18459	1.62854	.21217	.07512	.37415	2.31928	.33478	.11954	.27126	1.70076
20.496	.26284	1.67986	.22774	.08014	.46360	2.13336	.32829	.14260	.39914	1.71616
24.523	.36929	1.78778	.25880	.09120	.47837	1.73346	.33017	.15390	.38499	1.45397
28.550	.44866	1.76613	.25967	.09728	.55104	1.76847	.34112	.16083	.47241	1.39049

TABLE 245.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 37

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.905	-.01578	-.03567	-.02606	.00010	-.00474	-.01407	-.02664	-.00483	-.01392	-.02502
.201	-.00393	-.05624	-.02462	.00005	-.00041	-.06011	-.01462	-.00534	-.00967	-.07277
4.284	.01913	-.09914	-.02407	.00012	.01961	-.13412	-.01587	-.00521	-.00041	-.13506
8.347	.04678	-.15812	-.02341	.00015	.04468	-.18927	-.01761	-.00507	.03456	-.18365
12.364	.06232	-.20723	-.02144	.00033	.04778	-.23602	-.01831	-.00405	.05265	-.21464
14.412	.05820	-.19893	-.01361	.00006	.04343	-.25660	-.01745	-.00404	.05120	-.21864
16.455	.05798	-.20806	-.01310	.00002	.02850	-.28238	-.01479	-.00380	.04671	-.22613
20.496	.05315	-.21837	-.01336	-.00024	.00609	-.29463	-.00448	-.00518	.03415	-.22707
24.523	.03446	-.24167	-.01374	-.00093	-.01816	-.22729	-.00175	-.00533	.01882	-.16990
28.550	.00658	-.24794	-.01102	-.00170	-.07386	-.23152	-.00086	-.00578	-.00729	-.15147

TABLE 246.- PITCHING-MOMENT COEFFICIENT FOR RUN 37

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.905	.00756	-.29928	-.01645	-.00264	.00865	-.18197	-.02643	-.00432	.01033	-.05537
.201	.00440	-.47199	-.01832	-.00286	.00514	-.46611	-.03327	-.00515	.00738	-.24684
4.284	.00085	-.53907	-.01768	-.00284	.00301	-.57813	-.03491	-.00556	.00631	-.32060
8.347	-.00322	-.60579	-.01693	-.00280	-.00545	-.66646	-.03514	-.00565	-.00082	-.37904
12.364	-.00980	-.63202	-.01562	-.00278	-.01610	-.72957	-.03286	-.00576	-.00967	-.44529
14.412	-.01028	-.55600	-.01424	-.00335	-.02049	-.73792	-.03191	-.00570	-.01443	-.50611
16.455	-.01296	-.54755	-.01444	-.00340	-.02604	-.73257	-.02923	-.00580	-.01915	-.56250
20.496	-.01771	-.56378	-.01550	-.00366	-.03135	-.64059	-.02999	-.00704	-.02757	-.57529
24.523	-.02356	-.58976	-.01778	-.00420	-.03150	-.56277	-.03051	-.00774	-.02522	-.51457
28.550	-.02744	-.58566	-.01815	-.00455	-.03477	-.58008	-.03168	-.00808	-.02986	-.50681

TABLE 247.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 37 OF TEST 218

MACH	Q,KPA (PSF)	ALPHA,DEG	CL	CD	CPM	CRM	CYM	CSF
.203	2.89 (60.39)	-5.97	.0694	.1584	-.2601	.0022	.0026	-.0151
.203	2.89 (60.26)	-3.90	.4613	.1347	-.3292	.0025	.0018	-.0068
.203	2.88 (60.23)	-1.81	.8717	.1249	-.4266	.0054	.0014	-.0053
.203	2.88 (60.14)	.20	1.2285	.1368	-.4744	.0023	.0024	-.0036
.204	2.90 (60.46)	2.28	1.4717	.1525	-.4643	.0000	.0018	-.0033
.203	2.89 (60.28)	4.28	1.6860	.1726	-.4447	.0009	.0030	-.0058
.203	2.89 (60.28)	6.29	1.8705	.1984	-.4239	-.0012	.0024	-.0054
.203	2.88 (60.10)	8.35	2.0867	.2253	-.3840	-.0008	.0023	.0014
.203	2.87 (59.93)	10.37	2.2512	.2564	-.3513	-.0022	.0014	.0027
.203	2.89 (60.32)	12.36	2.4138	.2879	-.2997	-.0031	.0022	.0060
.203	2.88 (60.19)	13.40	2.4665	.3023	-.2870	-.0043	.0021	.0035
.203	2.89 (60.28)	14.41	2.4418	.3348	-.2839	-.0136	-.0003	.0234
.203	2.88 (60.10)	15.42	2.4915	.3501	-.2591	-.0144	.0008	.0178
.204	2.87 (59.95)	16.46	2.5224	.3766	-.2388	-.0139	.0004	.0241
.203	2.88 (60.08)	17.45	2.4715	.4137	-.2510	-.0074	.0024	.0089
.203	2.88 (60.20)	18.48	2.4741	.4453	-.2171	-.0133	.0003	.0076
.203	2.88 (60.20)	20.50	2.4641	.5207	-.1375	-.0343	-.0130	.0238
.203	2.89 (60.37)	22.47	2.4495	.5847	-.0566	-.0431	-.0173	.0204
.203	2.89 (60.33)	24.52	2.3343	.6645	.0420	-.0170	-.0053	.0077
.203	2.88 (60.25)	26.55	2.3132	.7332	.0820	-.0102	-.0007	.0025
.204	2.90 (60.53)	28.55	2.3410	.8137	.1141	-.0099	-.0010	.0071



TABLE 249 .- TABULATED PRESSURE DATA FOR RUN 46 AT ALPHA = .204 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT .)

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.2589	128B	-.9312	* 214A	-.3274	255C	.5068	* 313A	-.4546	327E	-.3506
* 113A	-.3136	129B	-1.1846	* 213A	-.3164	254C	.6435	* 312A	-.4705	328E	-.2320
* 112A	-.3902	157C	.2825	* 212A	-.3506	253C	.6763	* 311A	-.4509	329E	-.1708
* 111A	-.3847	156C	.4466	* 211A	-.3335	252C	.7037	* 310A	-.5922	330E	-.1207
* 110A	-.4983	155C	.6490	* 210A	-.4214	251C	.7720	* 309A	-.5751		
* 109A	-.4897	154C	.7419	* 209A	-.4214	243C	-.7239	* 308A	-.5495		
* 108A	-.6861	153C	.8431	* 208A	-.5239	244C	-1.5027	* 301A	-.6946		
* 101A	-.1226	152C	-.0812	* 201A	-.3360	245C	-1.9638	* 302A	.3214		
* 102A	.6032	144C	-1.0985	* 202A	.7654	246C	-1.8678	* 303A	.7910		
* 103A	.7056	145C	-2.1625	* 203A	.6288	247C	-1.4871	* 304A	.6032		
* 104A	.5093	146C	-2.5342	* 204A	.4666	248C	-1.0763	* 305A	.4324		
* 105A	.2787	147C	-1.9995	* 206A	.0311	249C	-.7827	* 307A	-.1653		
* 106A	.0140	148C	-1.4726	* 207A	-.3873	250C	-.6253	* 345E	.2058		
* 107A	-.2763	149C	-1.0439	* 242B	.5478	264D	.1786	* 344E	.2340		
* 142B	.4740	150C	-.7314	* 241B	.4931	263D	.5751	* 343E	.2352		
* 141B	.5040	151C	-.5941	* 240B	.3673	262D	.6654	* 342E	.2266		
* 140B	.4876	166D	.1759	* 239B	.3509	261D	.7529	* 341E	.1704		
* 139B	.4849	165D	.5915	* 238B	.3345	256D	.2778	* 340E	.1043		
* 138B	.4521	164D	.7064	* 237B	.2646	257D	-.8039	* 339E	.0432		
* 137B	1.0072	159D	1.1172	* 236B	.2650	258D	-.7816	* 338E	-.0693		
* 136B	.2037	160D	-.8877	* 235B	.3171	259D	-.4947	* 337E	.0848		
* 135B	.2224	161D	-.1453	* 234B	.3844	260D	-.1643	* 336E	.1777		
* 134B	.3728	162D	-.1743	* 233B	.0469			* 335E	.2829		
* 133B	-.3027			* 232B	-.4705			* 334E	-.2271		
* 132B	-.5105			* 231B	-.5426			* 333E	-.6393		
* 131B	-.4886			* 230B	-.8985			* 332E	-.7506		
* 130B	-.5871			* 215B	-.9450			* 331E	-.9083		
* 115B	-.5570			* 216B	-.9764			* 314E	-.9426		
* 116B	-.5495			* 217B	-1.3008			* 315E	-.8654		
* 117B	-.8654			* 218B	-1.4631			* 316E	-.9337		
* 118B	-1.3862			* 219B	-1.4887			* 317E	-1.0532		
* 119B	-1.6936			* 220B	-1.7107			* 318E	-1.0703		
* 120B	-1.5570			* 222B	-1.0171			* 319E	-1.1898		
* 121B	-1.1512			* 223B	-.9435			* 320E	-.8995		
* 122B	-.9557			* 224B	-.9167			* 321E	-.7628		
* 123B	-.8754			* 225B	-.8988			* 322E	-.6796		
* 124B	-.8463			* 226B	-1.0037			* 323E	-.6075		
* 125B	-.8374			* 227B	-.9792			* 324E	-.5390		
* 126B	-.8441			* 228B	-1.0495			* 325E	-.5047		
* 127B	-.8642			* 229B	-1.1678			* 326E	-.4460		

TABLE 250 .- TABULATED PRESSURE DATA FOR RUN 46 AT ALPHA = 6.246 DEGREES AND QINF = 2.89 KN/SQM ( 60.39 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.1819	128B	-.9583	214A	-.4577	255C	.5371	313A	-.5702	327E	-.3904
113A	-.3186	129B	-1.1257	213A	-.5200	254C	.6874	312A	-.5763	328E	-.3036
112A	-.3978	157C	.3184	212A	-.5261	253C	.7284	311A	-.5310	329E	-.2755
111A	-.3568	155C	.4715	211A	-.4821	252C	.7968	310A	-.4379	330E	-.2535
110A	-.3611	155C	.6710	210A	-.3782	251C	.8760	309A	-.4465		
109A	-.3184	154C	.7530	209A	-.3355	243C	-.6466	308A	-.3099		
108A	.0230	153C	.8514	208A	.2876	244C	-1.6335	301A	.1595		
101A	.5607	152C	-.0206	201A	.4071	245C	-2.1591	302A	.7485		
102A	.5778	144C	-.9528	202A	.3729	246C	-2.0385	303A	.2876		
103A	.2364	145C	-2.0441	203A	-.1563	247C	-1.6335	304A	-.1136		
104A	-.2245	146C	-2.4258	204A	-.3782	248C	-1.0978	305A	-.2928		
105A	-.4721	147C	-1.8756	206A	-.6940	249C	-.7698	307A	-.9330		
106A	-.6513	148C	-1.3489	207A	-1.0866	250C	-.5990	345E	.2037		
107A	-.8732	149C	-.9260	242B	.6738	264D	.2008	344E	.2612		
142B	.5097	150C	-.6481	241B	.5589	263D	.6191	343E	.2624		
141B	.5425	151C	-.5187	240B	.4359	262D	.7175	342E	.2539		
140B	.5289	166D	.1954	239B	.4359	261D	.8186	341E	.1964		
139B	.5234	165D	.5999	238B	.4031	256D	.3093	340E	.1328		
138B	.5043	164D	.7148	237B	.3346	257D	-.7887	339E	.0815		
137B	.8241	159D	1.1340	236B	.3468	258D	-.7932	338E	-.0200		
136B	.2883	160D	-.7977	235B	.3920	259D	-.5599	337E	.1206		
135B	.2910	161D	-.0768	234B	.4959	260D	-.1705	336E	.2184		
134B	.3703	162D	-.1549	233B	.6304			335E	.3492		
133B	.6327			232B	.7845			334E	.5057		
132B	.5835			231B	.4886			333E	.7453		
131B	-.3623			230B	-1.6693			332E	.5901		
130B	-1.5569			215B	-3.8699			331E	-.5445		
115B	-1.4553			216B	-2.4095			314E	-3.4273		
116B	-1.1634			217B	-3.2204			315E	-2.5461		
117B	-2.2901			218B	-3.1350			316E	-2.4693		
118B	-2.8278			219B	-2.7168			317E	-2.4864		
119B	-2.9643			220B	-3.1606			318E	-2.2132		
120B	-2.5034			222B	-1.4839			319E	-2.4864		
121B	-1.7372			223B	-1.3255			320E	-1.5390		
122B	-1.3389			224B	-1.2396			321E	-1.1411		
123B	-1.1637			225B	-1.1547			322E	-.9981		
124B	-1.0632			226B	-1.2373			323E	-.8941		
125B	-.9952			227B	-1.1693			324E	-.7279		
126B	-.9438			228B	-1.2105			325E	-.6386		
127B	-.9293			229B	-1.2842			326E	-.5237		

TABLE 251. - TABULATED PRESSURE DATA FOR RUN 46 AT ALPHA = 8.271 DEGREES AND QINF = 2.89 KN/SQM ( 60.39 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.2039	128B	-.9541	214A	-.3319	255C	.5343	313A	-.4738	327E	-.4187
113A	-.2887	129B	-1.0981	213A	-.4395	254C	.6737	312A	-.4652	328E	-.3466
112A	-.3707	157C	.3292	212A	-.4469	253C	.7229	311A	-.4310	329E	-.3160
111A	-.3051	156C	.4851	211A	-.3980	252C	.7940	310A	-.2759	330E	-.2879
110A	-.2503	155C	.6819	210A	-.1308	251C	.8624	309A	-.1991		
109A	-.0881	154C	.7694	209A	.0399	243C	-.6742	308A	.0741		
108A	.3216	153C	.8651	208A	.6119	244C	-1.6282	301A	.4838		
101A	.6716	152C	.0066	201A	.4582	245C	-2.1550	302A	.5692		
102A	.4241	144C	-.9093	202A	-.1479	246C	-2.0256	303A	-.1735		
103A	-.0796	145C	-2.0066	203A	-.6601	247C	-1.6037	304A	-.6174		
104A	-.5149	146C	-2.3648	204A	-.7796	248C	-1.0736	305A	-.6686		
105A	-.7369	147C	-1.8280	206A	-.9759	249C	-.7521	307A	-1.2661		
106A	-.8820	148C	-1.3046	207A	-1.4454	250C	-.5769	345E	.1938		
107A	-1.0698	149C	-.9006	242B	.6682	264D	.2007	344E	.2538		
142B	.5261	150C	-.6137	241B	.5807	263D	.6136	343E	.2574		
141B	.5534	151C	-.4888	240B	.4468	262D	.7038	342E	.2501		
140B	.5425	166D	.1980	239B	.4495	261D	.8049	341E	.1975		
139B	.5425	165D	.6054	238B	.4249	256D	.3204	340E	.1437		
138B	.5179	164D	.7202	237B	.3773	257D	-.7700	339E	.1058		
137B	.6682	159D	1.1195	236B	.3821	258D	-.7678	338E	.0276		
136B	.3238	160D	-.7655	235B	.4347	259D	-.5401	337E	.1718		
135B	.3347	161D	-.0680	234B	.5338	260D	-.1595	336E	.2623		
134B	.4167	162D	-.1461	233B	.6609			335E	.4078		
133B	.6382			232B	.7746			334E	.5521		
132B	.6983			231B	.4934			333E	.7490		
131B	-.0535			230B	-1.5657			332E	.6084		
130B	-1.5655			215B	-3.9390			331E	-.3393		
115B	-1.8033			216B	-2.8624			314E	-3.5722		
116B	-1.3942			217B	-3.8697			315E	-2.9649		
117B	-2.8112			218B	-3.6734			316E	-3.0161		
118B	-3.3831			219B	-3.0844			317E	-2.9563		
119B	-3.2636			220B	-3.6136			318E	-2.5637		
120B	-2.8283			222B	-1.6349			319E	-2.7941		
121B	-1.9285			223B	-1.4452			320E	-1.6930		
122B	-1.4441			224B	-1.3537			321E	-1.2857		
123B	-1.2488			225B	-1.2354			322E	-1.0974		
124B	-1.1137			226B	-1.3113			323E	-.9555		
125B	-1.0300			227B	-1.2153			324E	-.7660		
126B	-.9564			228B	-1.2287			325E	-.6670		
127B	-.9385			229B	-1.2667			326E	-.5325		





TABLE 253.- TABULATED PRESSURE DATA FOR RUN 46 AT ALPHA = 16.465 DEGREES AND QINF = 2.89 KN/SQM ( 60.45 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.2116	128B	-.6609	214A	.4943	255C	.5557	313A	.0887	327E	-.8994
113A	-.0452	129B	-.6988	213A	-.0749	254C	.6922	312A	-.0432	328E	-.8274
112A	-.1790	157C	.2826	212A	-.1690	253C	.7414	311A	.0020	329E	-.8078
111A	-.0588	156C	.4492	211A	-.0383	252C	.8124	310A	.3299	330E	-.7724
110A	.2276	155C	.6513	210A	.5005	251C	.8780	309A	.5772		
109A	.5346	154C	.7414	209A	.7137	243C	-.3401	308A	.7478		
108A	.7307	153C	.8397	208A	.5005	244C	-1.1303	301A	.5346		
101A	.3982	152C	.0231	201A	-.2499	245C	-1.6230	302A	-1.6399		
102A	-.6933	144C	-.4439	202A	-2.9701	246C	-1.4525	303A	-2.7143		
103A	-1.3840	145C	-1.3622	203A	-3.0724	247C	-1.0388	304A	-2.2027		
104A	-1.7934	146C	-1.6453	204A	-2.6631	248C	-.6765	305A	-1.9895		
105A	-1.6569	147C	-1.2050	206A	-2.0662	249C	-.5026	307A	-2.0662		
106A	-1.6740	148C	-.8192	207A	-2.4926	250C	-.4357	345E	.0619		
107A	-1.7166	149C	-.6308	242B	.7114	264D	.1488	344E	.1596		
142B	.5338	150C	-.5528	241B	.6841	263D	.6103	343E	.1987		
141B	.5584	151C	-.5483	240B	.5147	262D	.7059	342E	.1987		
140B	.5584	166D	-.0260	2393	.5175	261D	.8042	341E	.1547		
139B	.5557	165D	.5420	238B	.5065	256D	.3447	340E	.1242		
138B	.5338	164D	.6895	237B	.4674	257D	-.6642	339E	.1180		
137B	.5693	159D	.9657	236B	.4979	258D	-.7222	338E	.1022		
136B	.4055	160D	-.9262	235B	.5700	259D	-.5149	337E	.2695		
135B	.4355	161D	-.1124	234B	.6555	260D	-.2406	336E	.3782		
134B	.5284	162D	-.4011	233B	.7410			335E	.5223		
133B	.6841			232B	.7561			334E	.6445		
132B	.7114			231B	.4772			333E	.7398		
131B	.3154			230B	-1.2622			332E	.5883		
130B	-1.0502			215B	-3.7820			331E	-.1433		
115B	-1.6128			216B	-4.2407			314E	-3.4461		
116B	-1.8275			217B	-5.6136			315E	-3.7120		
117B	-3.6162			218B	-5.1019			316E	-4.0872		
118B	-4.2151			219B	-4.4624			317E	-3.8229		
119B	-3.8058			220B	-4.6244			318E	-3.5073		
120B	-3.0213			222B	-1.8995			319E	-2.9872		
121B	-1.9430			223B	-1.6342			320E	-1.6740		
122B	-1.3778			224B	-1.4424			321E	-1.2280		
123B	-1.1247			225B	-1.2339			322E	-1.0094		
124B	-.9641			226B	-1.2228			323E	-.9678		
125B	-.8070			227B	-1.0199			324E	-.9104		
126B	-.7022			228B	-.9686			325E	-.9067		
127B	-.6475			229B	-.8973			326E	-.9153		

TABLE 254. -- TABULATED PRESSURE DATA FOR RUN 46 AT ALPHA = 20.502 DEGREES AND QINF = 2.90 KN/SQM ( 60.49 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
114A	.4731	128B	-.7331	214A	.5730	255C	.4977	313A	.2983	327E	-.9344	
113A	.0938	129B	-.7810	213A	.0982	254C	.6533	312A	.1397	328E	-.8942	
112A	-.1819	157C	.2712	212A	-.0117	253C	.7079	311A	.2129	329E	-.8539	
111A	.0119	156C	.4377	211A	.0762	252C	.7734	310A	.5169	330E	-.8063	
110A	.4572	155C	.6505	210A	.6703	251C	.8498	309A	.6958			
109A	.6618	154C	.7379	209A	.8066	243C	-.2746	308A	.7044			
108A	.6447	153C	.8334	208A	.2613	244C	-1.0751	301A	.2613			
101A	-.1137	152C	.0256	201A	-.8294	245C	-1.4829	302A	-2.3462			
102A	-1.5111	144C	-.5148	202A	-3.8033	246C	-1.3882	303A	-3.2239			
103A	-2.2013	145C	-1.4762	203A	-3.6073	247C	-1.0540	304A	-2.6444			
104A	-2.3973	146C	-1.7904	204A	-3.1557	248C	-.7977	305A	-2.1247			
105A	-2.0821	147C	-1.3191	206A	-2.0735	249C	-.7153	307A	-1.9457			
106A	-2.0224	148C	-.9381	207A	-2.3632	250C	-.6707	345E	.0676			
107A	-1.9798	149C	-.7353	242B	.7160	264D	-.0509	344E	.1763			
142B	.5577	150C	-.6507	241B	.6587	263D	.5523	343E	.1946			
141B	.5878	151C	-.6161	240B	.4922	262D	.6724	342E	.2105			
140B	.5769	166D	-.0263	239B	.4868	261D	.7925	341E	.1702			
139B	.5769	165D	.5441	238B	.4895	256D	.2484	340E	.1372			
138B	.5577	164D	.6860	237B	.4546	257D	-.9637	339E	.1445			
137B	.5932	159D	.4534	236B	.5107	258D	-1.0517	338E	.1287			
136B	.4513	160D	-1.0116	235B	.5742	259D	-.7721	337E	.2935			
135B	.4977	161D	-.0803	234B	.6743	260D	-.5437	336E	.4118			
134B	.5878	162D	-.4680	233B	.7573			335E	.5510			
133B	.7188			232B	.7585			334E	.6499			
132B	.7106			231B	.5022			333E	.7292			
131B	.3667			230B	-1.0504			332E	.6120			
130B	-.8505			215B	-3.5220			331E	.0091			
115B	-1.5383			216B	-4.0504			314E	-2.6567			
116B	-2.0139			217B	-5.3627			315E	-2.9001			
117B	-3.9993			218B	-4.7577			316E	-3.2580			
118B	-4.3998			219B	-3.7522			317E	-3.1046			
119B	-4.0334			220B	-3.6414			318E	-2.1332			
120B	-3.0194			222B	-1.3804			319E	-1.9542			
121B	-1.9508			223B	-1.1754			320E	-1.1959			
122B	-1.3525			224B	-1.0762			321E	-1.1956			
123B	-1.0963			225B	-.9504			322E	-1.1822			
124B	-.9348			226B	-.9102			323E	-1.1029			
125B	-.7933			227B	-.8178			324E	-1.0309			
126B	-.7086			228B	-.7955			325E	-1.0077			
127B	-.7064			229B	-.7977			326E	-.9552			
*****												

TABLE 255 .- TABULATED PRESSURE DATA FOR RUN 46 AT ALPHA = 24.488 DEGREES AND QINF = 2.90 KN/SQM ( 60.49 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.5948	128B	-.6336	214A	.6060	255C	.4856	313A	.4326	327E	-.7893
113A	.4802	129B	-.8993	213A	.2935	254C	.6412	312A	.2398	328E	-.7759
112A	-.0794	157C	.2209	212A	.1677	253C	.6958	311A	.2837	329E	-.7612
111A	.0980	156C	.4119	211A	.2239	252C	.7640	310A	.6180	330E	-.7551
110A	.5924	155C	.6412	210A	.6862	251C	.8350	309A	.7373		
109A	.7117	154C	.7340	209A	.7288	243C	-.3059	308A	.5839		
108A	.3623	153C	.8322	208A	-.2342	244C	-1.0354	301A	-.2342		
101A	-.8734	152C	.0516	201A	-1.4955	245C	-1.4631	302A	-3.6089		
102A	-2.7056	144C	-.6089	202A	-4.6742	246C	-1.3962	303A	-4.0947		
103A	-3.2084	145C	-1.6514	203A	-4.1202	247C	-1.0653	304A	-3.3277		
104A	-3.2595	146C	-1.9979	204A	-3.5408	248C	-.8436	305A	-2.2198		
105A	-2.8079	147C	-1.5132	205A	-2.1517	249C	-.7801	307A	-2.2710		
106A	-2.3732	148C	-1.1199	207A	-2.3136	250C	-.7678	345E	.0896		
107A	-2.2625	149C	-.9394	242B	.6739	264D	-.0876	344E	.1848		
142B	.5511	150C	-.8302	241B	.6603	263D	.5511	343E	.2129		
141B	.5757	151C	-.7968	240B	.4911	262D	.6685	342E	.2276		
140B	.5648	166D	-.0985	239B	.4965	261D	.7749	341E	.1983		
139B	.5620	165D	.5156	238B	.5020	256D	.2093	340E	.1653		
138B	.5511	164D	.6794	237B	.4839	257D	-1.0330	339E	.1775		
137B	.5730	159D	.4500	236B	.5413	258D	-1.1355	338E	.1751		
136B	.4856	160D	-1.2558	235B	.6121	259D	-.8781	337E	.3386		
135B	.5457	161D	-.1250	234B	.6987	260D	-.6275	336E	.4497		
134B	.6330	162D	-.6085	233B	.7634			335E	.5779		
133B	.7340			232B	.7525			334E	.6743		
132B	.6958			231B	.5315			333E	.7195		
131B	.4092			230B	-.7917			332E	.5779		
130B	-.6635			215B	-3.0488			331E	.0078		
115B	-1.4277			216B	-3.6856			314E	-2.8327		
116B	-2.2369			217B	-4.6230			315E	-3.3874		
117B	-4.5293			218B	-4.0691			316E	-3.9754		
118B	-5.0065			219B	-2.8249			317E	-3.5322		
119B	-4.5293			220B	-2.7312			318E	-2.2710		
120B	-3.3533			222B	-1.1210			319E	-1.7767		
121B	-2.0213			223B	-.9962			320E	-1.1631		
122B	-1.3539			224B	-.9550			321E	-1.0542		
123B	-1.0174			225B	-.8781			322E	-1.0175		
124B	-.8514			226B	-.8547			323E	-.9406		
125B	-.7645			227B	-.8091			324E	-.8784		
126B	-.7623			228B	-.7924			325E	-.8528		
127B	-.8091			229B	-.8046			326E	-.8113		

TABLE 256.- TABULATED PRESSURE DATA FOR RUN 46 AT ALPHA = 28.524 DEGREES AND QINF = 2.90 KN/SQM ( 60.66 LB/SQFT )

*****														
WING STATION A					WING STATION B					WING STATION C				
TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*	TAP ID	CP	TAP ID	CP	*
114A	.5404	128B	-.8439	*	214A	.5890	255C	.5023	*	313A	.4843	327E	-.8084	*
113A	.6820	129B	-.8428	*	213A	.5525	254C	.6602	*	312A	.4015	328E	-.7829	*
112A	.0124	157C	.2138	*	212A	.3626	253C	.7065	*	311A	.4015	329E	-.7646	*
111A	.2057	156C	.4125	*	211A	.4003	252C	.7664	*	310A	.7115	330E	-.7293	*
110A	.7030	155C	.6439	*	210A	.7540	251C	.8344	*	309A	.7455			*
109A	.6605	154C	.7446	*	209A	.5925	243C	-.3169	*	308A	.3036			*
108A	.0401	153C	.8344	*	208A	-1.0221	244C	-1.0850	*	301A	-.9116			*
101A	-1.7274	152C	.0696	*	201A	-2.9257	245C	-1.5128	*	302A	-4.7357			*
102A	-3.8859	144C	-.5700	*	202A	-6.4183	246C	-1.4216	*	303A	-4.8292			*
103A	-4.2004	145C	-1.5794	*	203A	-5.4326	247C	-1.1272	*	304A	-3.5630			*
104A	-3.9964	146C	-1.9394	*	204A	-3.4950	248C	-.8950	*	305A	-2.7132			*
105A	-2.9257	147C	-1.4872	*	206A	-2.4413	249C	-.9317	*	307A	-2.3138			*
106A	-2.6977	148C	-1.1172	*	207A	-2.5857	250C	-.8128	*	345E	.0972			*
107A	-2.4753	149C	-.9428	*	242B	.6765	264D	-.0720	*	344E	.2056			*
142B	.5622	150C	-.8850	*	241B	.7119	263D	.5568	*	343E	.2275			*
141B	.5976	151C	-.8939	*	240B	.5268	262D	.5793	*	342E	.2457			*
140B	.5731	166D	-.1427	*	239B	.5268	261D	.7936	*	341E	.2202			*
139B	.5731	165D	.5160	*	238B	.5296	256D	.1816	*	340E	.1909			*
138B	.5758	164D	.6793	*	237B	.5220	257D	-1.1017	*	339E	.2129			*
137B	.5731	159D	.4471	*	236B	.5817	258D	-1.2061	*	338E	.2116			*
136B	.5268	160D	-1.4161	*	235B	.6535	259D	-.9383	*	337E	.3833			*
135B	.5894	161D	-.1262	*	234B	.7278	260D	-.6461	*	336E	.4953			*
134B	.6793	162D	-.7361	*	233B	.7728			*	335E	.6133			*
133B	.7582			*	232B	.7314			*	334E	.6876			*
132B	.7119			*	231B	.5196			*	333E	.7083			*
131B	.4697			*	230B	-.7001			*	332E	.5744			*
130B	-.4557			*	215B	-2.9703			*	331E	.0924			*
115B	-1.4111			*	216B	-3.8944			*	314E	-2.5661			*
116B	-2.3988			*	217B	-4.7697			*	315E	-3.3506			*
117B	-4.7697			*	218B	-4.0559			*	316E	-3.7415			*
118B	-5.1097			*	219B	-2.7812			*	317E	-2.2968			*
119B	-4.5658			*	220B	-2.6537			*	318E	-2.0759			*
120B	-3.2231			*	222B	-1.1139			*	319E	-1.3280			*
121B	-1.8772			*	223B	-1.0195			*	320E	-.9711			*
122B	-1.1639			*	224B	-1.0195			*	321E	-.9667			*
123B	-.8428			*	225B	-.9150			*	322E	-.9715			*
124B	-.7495			*	226B	-.9072			*	323E	-.8693			*
125B	-.7372			*	227B	-.8361			*	324E	-.8474			*
126B	-.8095			*	228B	-.8172			*	325E	-.8255			*
127B	-.8406			*	229B	-.8261			*	326E	-.7999			*
*****														

TABLE 257.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 46

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.900	-.12833	.56701	.24973	.06581	-.13216	.28912	.28734	.09238	-.15751	-.06678
.204	-.08123	1.08757	.28017	.07244	-.09012	1.08825	.37584	.11466	-.11767	.59089
6.246	-.01329	1.54932	.26781	.06999	-.00857	1.76012	.40261	.12153	-.05268	1.18637
8.271	.01914	1.66020	.26444	.06918	.06025	1.93059	.39738	.11870	.01420	1.32554
12.419	.12492	1.83507	.24038	.06709	.22890	2.18736	.36470	.11671	.14307	1.51478
16.465	.17844	1.65430	.21332	.07856	.35967	2.25842	.31965	.11962	.28971	1.62442
20.502	.26209	1.71098	.22862	.08180	.41966	1.91785	.32646	.14694	.35094	1.50755
24.488	.37112	1.79151	.25611	.09169	.47363	1.70574	.33092	.15572	.42720	1.46013
28.524	.44831	1.77000	.25905	.10057	.55126	1.74507	.34217	.16189	.50329	1.37938

TABLE 258.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 46

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.900	-.01489	-.04159	-.02546	.00674	-.00192	-.01272	-.02632	-.00539	-.01468	-.03539
.204	-.00318	-.06600	-.02436	.00659	.00039	-.05782	-.01472	-.00544	-.00879	-.07280
6.246	.03523	-.13598	-.02349	.00670	.03717	-.16396	-.01705	-.00514	.02509	-.16679
8.271	.04745	-.16192	-.02310	.00666	.04559	-.19034	-.01793	-.00496	.03856	-.19223
12.419	.06305	-.21087	-.02094	.00664	.05017	-.24342	-.01703	-.00407	.04944	-.19100
16.465	.06137	-.20872	-.01300	.00581	.02837	-.27895	-.01186	-.00368	.04266	-.21361
20.502	.05375	-.22038	-.01349	.00300	.00757	-.26516	-.00358	-.00508	.02838	-.14364
24.488	.03454	-.24331	-.01317	.00281	-.02068	-.22172	-.00162	-.00532	.01103	-.18028
28.524	.00723	-.25096	-.01124	.00268	-.07281	-.22483	-.00068	-.00587	-.01102	-.15424

TABLE 257.- PITCHING-MOMENT COEFFICIENT FOR RUN 46

ALPHA	COMPONENT-STATION									
	A-A	P-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.900	.00802	-.33518	-.01660	-.00267	.00907	-.17822	-.02705	-.00445	.01178	-.03938
.204	.00415	-.50698	-.01815	-.00294	.00531	-.46793	-.03347	-.00531	.00782	-.25745
6.246	-.00088	-.60176	-.01727	-.00288	-.00064	-.62634	-.03515	-.00566	.00223	-.37644
8.271	-.00283	-.61920	-.01703	-.00286	-.00510	-.66901	-.03460	-.00552	-.00248	-.41069
12.419	-.00950	-.63880	-.01554	-.00280	-.01684	-.71911	-.03168	-.00557	-.01101	-.51594
16.465	-.01264	-.55874	-.01453	-.00341	-.02512	-.70952	-.02798	-.00583	-.02039	-.54202
20.502	-.01763	-.57671	-.01560	-.00367	-.02819	-.59443	-.02980	-.00733	-.02386	-.55757
24.488	-.02372	-.59129	-.01758	-.00412	-.03106	-.55342	-.03057	-.00784	-.02787	-.51369
28.524	-.02737	-.58566	-.01805	-.00459	-.03468	-.57379	-.03185	-.00811	-.03249	-.50857



TABLE 260.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 46 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.203	2.89 (60.35)	-5.94	.0649	.1553	-.2335	.0025	.0025	-.0154
.203	2.89 (60.31)	-3.90	.4238	.1324	-.2709	.0020	.0019	-.0072
.204	2.89 (60.46)	-1.85	.8669	.1176	-.3427	.0111	.0028	-.0105
.203	2.89 (60.32)	.20	1.1799	.1284	-.3763	.0028	.0028	-.0054
.204	2.89 (60.37)	2.33	1.4355	.1425	-.3710	.0024	.0029	-.0043
.203	2.89 (60.29)	4.31	1.6290	.1608	-.3372	.0013	.0029	-.0075
.203	2.89 (60.34)	6.25	1.8431	.1814	-.3078	.0015	.0031	-.0020
.203	2.89 (60.33)	8.27	2.0349	.2036	-.2777	.0014	.0027	-.0014
.204	2.89 (60.45)	10.35	2.1879	.2348	-.2412	-.0016	.0019	.0009
.203	2.89 (60.32)	12.42	2.3445	.2664	-.1777	-.0002	.0047	.0017
.204	2.89 (60.40)	16.47	2.3585	.3674	-.1449	-.0055	.0018	.0084
.203	2.88 (60.23)	17.41	2.3801	.3839	-.1271	-.0096	-.0003	.0081
.203	2.89 (60.33)	18.52	2.4030	.4149	-.1022	-.0152	-.0020	.0123
.204	2.89 (60.44)	20.50	2.3539	.4970	-.0191	-.0280	-.0088	.0178
.204	2.89 (60.46)	22.61	2.3694	.5620	.0407	-.0348	-.0153	.0184
.204	2.89 (60.44)	24.49	2.2795	.6311	.1319	-.0127	-.0046	.0060
.204	2.90 (60.52)	26.70	2.2626	.7089	.1711	-.0061	-.0003	.0026
.204	2.90 (60.61)	28.52	2.2863	.7702	.2033	-.0067	.0005	.0057
.203	2.88 (60.22)	13.35	2.4009	.2754	-.1640	-.0005	.0052	-.0014
.203	2.89 (60.30)	14.41	2.3840	.3081	-.1642	-.0069	.0034	.0167
.203	2.89 (60.30)	15.39	2.4174	.3277	-.1462	-.0091	.0031	.0149

TABLE 261 .- TABULATED PRESSURE DATA FOR RUN 22 AT ALPHA = -3.974 DEGREES AND QINF = 2.89 KN/SQM ( 60.34 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.3802	122B	-.9358	214A	-.4091	255C	.4981	313A	-.5853	327E	-.3271
113A	-.3364	129B	-1.5009	213A	-.4054	254C	.6349	312A	-.5889	326E	-.2182
112A	.0931	157C	.4652	212A	-.3981	253C	.6349	311A	-.5816	325E	-.1240
111A	-.3091	156C	.5747	211A	-.4065	252C	.5692	310A	-.5932	330E	-.0616
110A	-.3284	155C	.6650	210A	-.3711	251C	.2847	309A	-.5847		
109A	-.4480	154C	.6814	209A	-.3797	243C	-2.3364	308A	-.5761		
108A	-.2691	153C	.6622	208A	-.3797	244C	-2.6959	301A	-.5761		
101A	.4148	152C	-.1340	201A	-.1661	245C	-2.8378	302A	-.0976		
102A	.7650	144C	-3.3405	202A	.6198	246C	-2.2961	303A	.7223		
103A	.5856	145C	-3.5838	203A	.7821	247C	-1.7265	304A	.7565		
104A	.2867	146C	-3.5347	204A	.6967	248C	-1.2306	305A	.6254		
105A	.0645	147C	-2.3218	206A	.3294	249C	-.8386	307A	.0816		
106A	-.0550	148C	-1.6651	207A	-.0550	250C	-.6431	345E	.1611		
107A	-.2088	149C	-1.1145	242B	.2983	264D	.3448	344E	.1538		
142B	.1506	150C	-.7705	241B	.2108	263D	.6485	343E	.1440		
141B	.4023	151C	-.6353	240B	.2409	262D	.7142	342E	.1049		
140B	.3585	166D	.2354	239B	.2053	261D	.6677	341E	.0461		
139B	.3722	165D	.6485	238B	.0795	256D	-.9291	340E	-.0530		
138B	.3339	164D	.7443	237B	.1171	257D	-1.5567	339E	.3251		
137B	.7142	159D	-.8911	236B	-.2280	258D	-.7526	338E	.1538		
136B	.5692	160D	-.8542	235B	-.3687	259D	-.3438	337E	-.3051		
135B	-.0245	161D	-.1339	234B	-.4409	260D	-.0467	336E	-.4482		
134B	-.1777	162D	-.1718	233B	-.4335			335E	-.5902		
133B	-.3237			232B	-.4140			334E	-.6758		
132B	-.3419			231B	-.4335			333E	-.6562		
131B	-.3419			230B	-.4519			332E	-.6697		
130B	-.3474			215B	-.4739			331E	-.6770		
115B	-.4130			216B	-.4736			314E	-.6513		
116B	-.4053			217B	-.5847			315E	-.6103		
117B	.6796			218B	-.8239			316E	-.6018		
118B	-.4993			219B	-.8666			317E	-.5078		
119B	-1.0289			220B	-1.2083			318E	-.5505		
120B	-1.0460			222B	-.7425			319E	-.5420		
121B	-.7414			223B	-.7224			320E	-.5078		
122B	-.6409			224B	-.7325			321E	-.4323		
123B	-.6353			225B	-.7459			322E	-.4360		
124B	-.6409			226B	-.9268			323E	-.4103		
125B	-.6945			227B	-.9871			324E	-.3993		
126B	-.7381			228B	-1.1223			325E	-.4201		
127B	-.7984			229B	-1.5439			326E	-.3956		

TABLE 262.- TABULATED PRESSURE DATA FOR RUN 22 AT ALPHA = .127 DEGREES AND QINF = 2.89 KN/SQM ( 60.34 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
114A	-.1612	128B	-1.1300	214A	-.2548	255C	.4818	313A	-.4554	327E	-.3637	
113A	-.1366	129B	-1.6505	213A	-.3074	254C	.7034	312A	-.5117	328E	-.2548	
112A	.0577	157C	.4626	212A	-.3147	253C	.7691	311A	-.4750	329E	-.2132	
111A	-.1968	156C	.5912	211A	-.3429	252C	.8320	310A	-.6187	330E	-.1850	
110A	-.2429	155C	.7527	210A	-.5504	251C	.8402	309A	-.6187			
109A	-.1233	154C	.8211	209A	-.5760	243C	-1.6743	308A	-.6102			
108A	.2868	153C	.8676	208A	-.6017	244C	-2.9047	301A	-.7383			
101A	.6969	152C	-.1284	201A	-.2429	245C	-3.1393	302A	.3722			
102A	.4491	144C	-3.2667	202A	.7567	246C	-2.5362	303A	.7652			
103A	-.0207	145C	-4.0116	203A	.5943	247C	-1.8560	304A	.5260			
104A	-.4393	146C	-3.9345	204A	.3551	248C	-1.2986	305A	.3466			
105A	-.4564	147C	-2.5239	206A	-.0635	249C	-.9021	307A	-.2429			
106A	-.4991	148C	-1.7890	207A	-.4650	250C	-.6989	345E	.2017			
107A	-.4137	149C	-1.2026	242B	.6897	264D	.2602	344E	.2518			
142B	.1972	150C	-.8284	241B	.5611	263D	.6788	343E	.2494			
141B	.5447	151C	-.6721	240B	.4626	262D	.7882	342E	.2347			
140B	.5092	166D	.2574	239B	.4681	261D	.8621	341E	.1821			
139B	.5119	165D	.6952	238B	.4052	256D	-.8474	340E	.1246			
138B	.4955	164D	.8266	237B	.3387	257D	-1.9375	339E	.3473			
137B	.6651	159D	-.9680	236B	.3069	258D	-1.0183	338E	.2066			
136B	.5995	160D	-1.0596	235B	.3448	259D	-.4677	337E	.0316			
135B	.1863	161D	-.1293	234B	.4745	260D	-.1226	336E	.1307			
134B	.2246	162D	-.1605	233B	.6667			335E	.3522			
133B	.3641			232B	-.3563			334E	.2983			
132B	-.0928			231B	-.6463			333E	-.5509			
131B	-.3254			230B	-1.4172			332E	-.7552			
130B	-.3609			215B	-1.3353			331E	-1.0428			
115B	-.3254			216B	-1.1655			314E	-1.2398			
116B	-.3197			217B	-1.6012			315E	-.9604			
117B	-.5931			218B	-1.7378			316E	-1.0544			
118B	-1.1826			219B	-1.6866			317E	-1.1655			
119B	-1.6182			220B	-2.0027			318E	-1.1569			
120B	-1.6353			222B	-1.1244			319E	-1.2765			
121B	-1.1713			223B	-1.0641			320E	-.9434			
122B	-.9971			224B	-1.0194			321E	-.7895			
123B	-.9200			225B	-1.0373			322E	-.7149			
124B	-.9044			226B	-1.1847			323E	-.6549			
125B	-.9088			227B	-1.1870			324E	-.5582			
126B	-.9379			228B	-1.3132			325E	-.5215			
127B	-1.0049			229B	-1.6639			326E	-.4579			
*****												

TABLE 243 .- TABULATED PRESSURE DATA FOR RUN 22 AT ALPHA = 4.224 DEGREES AND QINF = 2.89 KN/SQM ( 60.45 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.0879	1288	-1.1650	* 214A	-.4771	255C	.5156	* 313A	-.6505	327E	-.3989
* 113A	-.1535	129B	-1.6321	* 213A	-.5260	254C	.7204	* 312A	-.6481	328E	-.3256
* 112A	.0650	157C	.4910	* 212A	-.5211	253C	.7887	* 311A	-.6224	329E	-.2951
* 111A	-.1535	156C	.6112	* 211A	-.4942	252C	.8488	* 310A	-.5730	330E	-.2682
* 110A	-.0188	155C	.7723	* 210A	-.4792	251C	.8597	* 309A	-.7009		
* 109A	.2967	154C	.8543	* 209A	-.5560	243C	-1.5791	* 308A	-.9141		
* 108A	.6378	153C	.9389	* 208A	.1262	244C	-3.0045	* 301A	-.3172		
* 101A	.5952	152C	-.0934	* 201A	.3394	245C	-3.2553	* 302A	.7146		
* 102A	-.3513	144C	-3.2123	* 202A	.5696	246C	-2.6410	* 303A	.5525		
* 103A	-.9312	145C	-4.0301	* 203A	.0153	247C	-1.8495	* 304A	.1347		
* 104A	-1.1870	146C	-3.9231	* 204A	-.1381	248C	-1.2519	* 305A	-.0273		
* 105A	-1.0676	147C	-2.4783	* 206A	-.5474	249C	-.3239	* 307A	-.6498		
* 106A	-.9653	148C	-1.7737	* 207A	-.9482	250C	-.5875	* 345E	.1776		
* 107A	-.7265	149C	-1.1773	* 242B	.7341	264D	.2726	* 344E	.2411		
* 142B	.2917	150C	-.7971	* 241B	.6249	263D	.6959	* 343E	.2448		
* 141B	.5812	151C	-.6633	* 240B	.4910	262D	.8078	* 342E	.2325		
* 140B	.5675	165D	.2807	* 239B	.4992	261D	.8816	* 341E	.1751		
* 139B	.5648	165D	.7122	* 238B	.4501	256D	-.7414	* 340E	.1165		
* 138B	.5511	164D	.8461	* 237B	.3889	257D	-1.7202	* 339E	.3657		
* 137B	.6494	159D	-.9153	* 236B	.3608	258D	-.8885	* 338E	.2557		
* 136B	.6358	160D	-1.0725	* 235B	.3987	259D	-.4080	* 337E	.0506		
* 135B	.2616	161D	-.1014	* 234B	.4817	260D	-.1148	* 336E	.1287		
* 134B	.3053	162D	-.1516	* 233B	.6173			* 335E	.2777		
* 133B	.4719			* 232B	.7834			* 334E	.4487		
* 132B	.7641			* 231B	.4780			* 333E	.7297		
* 131B	.2671			* 230B	-1.6594			* 332E	.5184		
* 130B	-.7625			* 215B	-3.6882			* 331E	-.7397		
* 115B	-.6724			* 216B	-2.2102			* 314E	-3.3181		
* 116B	-.3854			* 217B	-2.8924			* 315E	-2.2784		
* 117B	-1.1188			* 218B	-2.8924			* 316E	-2.0397		
* 118B	-1.9118			* 219B	-2.5087			* 317E	-2.1249		
* 119B	-2.3125			* 220B	-3.0895			* 318E	-1.8862		
* 120B	-2.1845			* 222B	-1.4749			* 319E	-2.1505		
* 121B	-1.5262			* 223B	-1.3645			* 320E	-1.3234		
* 122B	-1.2341			* 224B	-1.2720			* 321E	-1.0609		
* 123B	-1.1014			* 225B	-1.2252			* 322E	-.9241		
* 124B	-1.0412			* 226B	-1.3601			* 323E	-.8386		
* 125B	-1.0334			* 227B	-1.3278			* 324E	-.6957		
* 126B	-1.0245			* 228B	-1.4370			* 325E	-.6286		
* 127B	-1.0580			* 229B	-1.7447			* 326E	-.5137		

TABLE 264 .- TABULATED PRESSURE DATA FOR RUN 22 AT ALPHA = 8.213 DEGREES AND QINF = 2.89 KN/SQM ( 60.37 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.1102	128B	-1.1624	214A	-.2370	255C	.5341	313A	-.4706	327E	-.4461
113A	.0090	129B	-1.5955	213A	-.3837	254C	.7310	312A	-.4620	328E	-.3923
112A	.1102	157C	.5040	212A	-.3825	253C	.7939	311A	-.4278	329E	-.3764
111A	-.0129	156C	.6271	211A	-.3287	252C	.8568	310A	-.2336	330E	-.3519
110A	.2787	155C	.7802	210A	-.0373	251C	.8568	309A	-.1226		
109A	.6202	154C	.8595	209A	.1506	243C	-1.5799	308A	.0994		
108A	.6629	153C	.9415	208A	.6885	244C	-2.9697	301A	.5263		
101A	.0140	152C	-.0320	201A	.4494	245C	-3.2254	302A	.6544		
102A	-1.4546	144C	-3.0812	202A	-.2934	246C	-2.6181	303A	-.1226		
103A	-2.0096	145C	-3.9242	203A	-.8911	247C	-1.7819	304A	-.5752		
104A	-2.2573	146C	-3.8315	204A	-.9594	248C	-1.2059	305A	-.6093		
105A	-1.7535	147C	-2.3903	206A	-1.1216	249C	-.7951	307A	-1.1900		
106A	-1.4205	148C	-1.6904	207A	-1.5486	250C	-.5674	345E	.1471		
107A	-.9850	149C	-1.1199	242B	.7583	264D	.2961	344E	.2144		
142B	.3864	150C	-.7538	241B	.6817	263D	.7036	343E	.2217		
141B	.6134	151C	-.6031	240B	.5286	262D	.8103	342E	.2144		
140B	.5915	166D	.2661	239B	.5505	261D	.8677	341E	.1728		
139B	.5915	165D	.7173	238B	.5067	256D	-.7326	340E	.1263		
138B	.5724	164D	.8458	237B	.4516	257D	-1.6826	339E	.4137		
137B	.6571	159D	-1.1813	236B	.4431	258D	-.8833	338E	.3379		
136B	.6681	160D	-.9369	235B	.4895	259D	-.4167	337E	.1226		
135B	.3536	161D	-.0404	234B	.5752	260D	-.1309	336E	.2119		
134B	.4110	162D	-.1342	233B	.6926			335E	.3623		
133B	.5423			232B	.7880			334E	.5201		
132B	.7310			231B	.5030			333E	.7244		
131B	.7228			230B	-1.4698			332E	.5972		
130B	.0145			215B	-3.8560			331E	-.3605		
115B	-.7157			216B	-3.0684			314E	-3.5894		
116B	-.3703			217B	-4.0162			315E	-2.9403		
117B	-1.6766			218B	-3.8454			316E	-2.9660		
118B	-2.7098			219B	-3.2648			317E	-2.8977		
119B	-3.0172			220B	-3.8369			318E	-2.5134		
120B	-2.7525			222B	-1.7429			319E	-2.7098		
121B	-1.8924			223B	-1.5866			320E	-1.6169		
122B	-1.4761			224B	-1.4638			321E	-1.2717		
123B	-1.2684			225B	-1.3544			322E	-1.0845		
124B	-1.1590			226B	-1.4604			323E	-.9353		
125B	-1.0965			227B	-1.3957			324E	-.7457		
126B	-1.0518			228B	-1.4761			325E	-.6234		
127B	-1.0652			229B	-1.7105			326E	-.5256		



TABLE 266 .- TABULATED PRESSURE DATA FOR RUN 22 AT ALPHA = 16.351 DEGREES AND QINF = 2.89 KN/SQM ( 60.42 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
114A	.7441	129E	-.7809	214A	.5552	255C	.5447	313A	.0163	327E	-.7902	
113A	.4900	129B	-.9571	213A	.0066	254C	.7387	312A	-.1193	328E	-.6741	
112A	.2878	157C	.4928	212A	-.1437	253C	.7933	311A	-.0606	329E	-.6325	
111A	.2359	156C	.6103	211A	-.0020	252C	.8589	310A	.3212	330E	-.5727	
110A	.6710	155C	.7687	210A	.5345	251C	.8644	309A	.5345			
109A	.6539	154C	.8425	209A	.7222	243C	-1.1029	308A	.7051			
108A	.0141	153C	.9245	208A	.3553	244C	-2.1227	301A	.4918			
101A	-1.8627	152C	-.0319	201A	-.7793	245C	-2.3123	302A	-1.5897			
102A	-4.0126	144C	-1.9527	202A	-3.4154	246C	-1.8282	303A	-2.7073			
103A	-4.0296	145C	-2.3513	203A	-3.4666	247C	-1.0954	304A	-2.4514			
104A	-3.7737	146C	-2.5387	204A	-3.0400	248C	-.7463	305A	-2.0675			
105A	-2.4684	147C	-1.5003	206A	-2.3319	249C	-.5344	307A	-2.3319			
106A	-2.0419	148C	-1.0508	207A	-2.7329	250C	-.4697	345E	.0884			
107A	-1.3765	149C	-.7206	242B	.7687	254D	.2632	344E	.1703			
142B	.4026	150C	-.6348	241B	.7277	263D	.6922	343E	.1874			
141B	.6348	151C	-.5801	240B	.5693	262D	.7961	342E	.1923			
140B	.6184	166D	.1567	239B	.5747	261D	.8616	341E	.1654			
139B	.6157	165D	.6813	238B	.5583	256D	-.6760	340E	.1055			
138B	.5993	164D	.8288	237B	.5259	257D	-1.6620	339E	.4257			
137B	.6430	159D	-1.0240	236B	.5381	258D	-.9995	338E	.4318			
136B	.6594	160D	-1.0988	235B	.5968	259D	-.4842	337E	.2387			
135B	.4627	161D	-.0403	234B	.6713	260D	-.2265	336E	.3414			
134B	.5226	162D	-.3805	233B	.7556			335E	.4954			
133B	.6430			232B	.7483			334E	.6090			
132B	.7414			231B	.4734			333E	.7043			
131B	.7113			230B	-1.2386			332E	.5430			
130B	.3425			215B	-3.8672			331E	-.2207			
115B	-.1302			216B	-4.6097			314E	-3.6912			
116B	-.2162			217B	-6.0259			315E	-3.9614			
117B	-2.2296			218B	-5.4799			316E	-4.5671			
118B	-3.2960			219B	-4.8145			317E	-4.3026			
119B	-3.4239			220B	-4.9681			318E	-3.6969			
120B	-2.8012			222B	-2.0245			319E	-3.5348			
121B	-1.9107			223B	-1.7278			320E	-2.0078			
122B	-1.4010			224B	-1.5761			321E	-1.4843			
123B	-1.1690			225B	-1.3586			322E	-1.2863			
124B	-1.0653			226B	-1.3553			323E	-1.1837			
125B	-.9437			227B	-1.2293			324E	-1.0688			
126B	-.8032			228B	-1.1534			325E	-.9857			
127B	-.7653			229B	-1.1344			326E	-.9148			
*****												

TABLE 267 .- TABULATED PRESSURE DATA FOR RUN 22 AT ALPHA = 18.445 DEGREES AND QINF = 2.90 KN/SQM ( 62.49 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.7057	128B	-.6803	214A	.5723	255C	.5037	313A	.1939	327E	-1.0988
113A	.7166	129B	-.7661	213A	.0498	254C	.7084	312A	-.0356	328E	-1.0012
112A	.3863	137C	.4464	212A	-.0869	253C	.7684	311A	.0169	329E	-.9218
111A	.2717	156C	.5747	211A	.0327	252C	.8367	310A	.3981	330E	-.8498
110A	.7049	155C	.7493	210A	.5600	251C	.8667	309A	.6282		
109A	.6112	154C	.8312	209A	.7475	243C	-.7000	308A	.7219		
108A	-.2325	153C	.9131	208A	.2873	244C	-1.5727	301A	.3811		
101A	-2.3885	152C	-.0395	201A	-.9142	245C	-1.5817	302A	-2.2095		
102A	-4.6808	144C	-1.6061	202A	-3.6071	246C	-1.2262	303A	-3.1981		
103A	-4.5786	145C	-2.1543	203A	-3.5389	247C	-.8708	304A	-2.6782		
104A	-4.0928	146C	-2.1621	204A	-3.0276	248C	-.6591	305A	-2.3374		
105A	-2.7123	147C	-1.2909	206A	-2.2607	249C	-.5890	307A	-2.3544		
106A	-2.1755	148C	-.9789	207A	-2.5504	250C	-.5656	345E	-.0149		
107A	-1.5022	149C	-.8040	242B	.7766	264D	.1489	344E	.1035		
142B	.3563	150C	-.7505	241B	.7029	263D	.6702	343E	.1292		
141B	.6374	151C	-.7338	240B	.5583	262D	.7848	342E	.1450		
140B	.6211	166D	.0970	239B	.5747	261D	.8585	341E	.1292		
139B	.6129	165D	.6565	238B	.5419	256D	-.7282	340E	.0730		
138B	.5965	164D	.8121	237B	.5198	257D	-1.8156	339E	.4160		
137B	.6374	159D	-1.0847	236B	.5344	258D	-1.1483	338E	.4490		
136B	.6511	160D	-1.3065	235B	.5967	259D	-.6603	337E	.2488		
135B	.4819	161D	-.0352	234B	.6760	260D	-.4118	336E	.3611		
134B	.5446	162D	-.5344	233B	.7480			335E	.5137		
133B	.6620			232B	.7480			334E	.6309		
132B	.7466			231B	.4868			333E	.7188		
131B	.7220			230B	-1.1354			332E	.5588		
130B	.4300			215B	-3.6903			331E	-.1735		
115B	-.0122			216B	-4.3315			314E	-3.5731		
116B	-.2154			217B	-5.5842			315E	-4.0588		
117B	-2.2948			218B	-5.0814			316E	-4.6127		
118B	-3.4367			219B	-4.4678			317E	-4.3059		
119B	-3.5389			220B	-4.4422			318E	-3.6327		
120B	-2.8231			222B	-1.6229			319E	-3.3259		
121B	-1.9159			223B	-1.4591			320E	-1.9198		
122B	-1.3588			224B	-1.1538			321E	-1.3271		
123B	-1.0736			225B	-1.0212			322E	-1.1525		
124B	-.8708			226B	-.9199			323E	-1.0976		
125B	-.6513			227B	-.7839			324E	-1.0781		
126B	-.6157			228B	-.7761			325E	-1.0805		
127B	-.6647			229B	-.7059			326E	-1.1012		



TABLE 268 .- TABULATED PRESSURE DATA FOR RUN 22 AT ALPHA = 20.314 DEGREES AND QINF = 2.90 KN/SQM ( 60.54 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.7435	129B	-.6828	214A	.5879	255C	.4872	313A	.2781	327E	-1.1061
113A	.7735	129B	-.7217	213A	.1549	254C	.6971	312A	.0147	328E	-1.0219
112A	.4817	157C	.4244	212A	-.0146	253C	.7626	311A	.0684	329E	-.9488
111A	.3072	156C	.5608	211A	.1013	252C	.8280	310A	.4491	330E	-.8902
110A	.7131	155C	.7353	210A	.5768	251C	.8607	309A	.6364		
109A	.5257	154C	.8253	209A	.7216	243C	-.7427	308A	.6790		
108A	-.5215	153C	.9016	208A	.1426	244C	-1.5521	301A	.2278		
101A	-2.8799	152C	.0072	201A	-1.2111	245C	-1.6635	302A	-2.5393		
102A	-5.1787	144C	-1.4844	202A	-3.9101	246C	-1.3317	303A	-3.5184		
103A	-4.9658	145C	-2.0809	203A	-3.6717	247C	-.9332	304A	-2.8969		
104A	-4.5912	146C	-2.0319	204A	-3.3141	248C	-.7451	305A	-2.5138		
105A	-2.8714	147C	-1.2694	206A	-2.2498	249C	-.6850	307A	-2.3861		
106A	-2.3009	148C	-.9733	207A	-2.6074	250C	-.6694	345E	-.0182		
107A	-1.5943	149C	-.8241	242B	.7598	264D	.1190	344E	.1049		
142B	.4572	150C	-.8019	241B	.6998	263D	.6599	343E	.1281		
141B	.6317	151C	-.7974	240B	.5581	262D	.7762	342E	.1452		
140B	.6126	166D	.0345	239B	.5717	261D	.8444	341E	.1293		
139B	.6099	165D	.6508	238B	.5444	256D	-.8954	340E	.0806		
138B	.5962	164D	.8052	237B	.5123	257D	-2.0853	339E	.4257		
137B	.6453	159D	-1.0757	236B	.5354	258D	-1.2939	338E	.4806		
136B	.6617	160D	-1.3707	235B	.6025	259D	-.7317	337E	.2586		
135B	.4981	161D	-.1006	234B	.6842	260D	-.4791	336E	.3623		
134B	.5717	162D	-.6227	233B	.7598			335E	.5147		
133B	.6835			232B	.7586			334E	.6306		
132B	.7626			231B	.5062			333E	.7013		
131B	.7380			230B	-1.0231			332E	.5489		
130B	.4435			215B	-3.4940			331E	-.1585		
115B	.0427			216B	-4.1315			314E	-3.4598		
116B	-.2831			217B	-5.4256			315E	-3.9527		
117B	-2.4372			218B	-4.7956			316E	-4.5827		
118B	-3.5355			219B	-3.9782			317E	-4.2421		
119B	-3.6121			220B	-3.8846			318E	-3.5184		
120B	-2.8288			222B	-1.4920			319E	-3.2034		
121B	-1.8794			223B	-1.2505			320E	-1.8327		
122B	-1.2538			224B	-1.1024			321E	-1.2768		
123B	-.9421			225B	-.9321			322E	-1.1219		
124B	-.7117			226B	-.8720			323E	-1.1036		
125B	-.6171			227B	-.7829			324E	-1.0756		
126B	-.6349			228B	-.7640			325E	-1.0890		
127B	-.6616			229B	-.7640			326E	-1.1268		

TABLE 269 .- TABULATED PRESSURE DATA FOR RUN 22 AT ALPHA = 24.423 DEGREES AND QINF = 2.89 KN/SQM ( 60.40 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.7194	128B	-.7241	* 214A	.6024	255C	.4761	* 313A	.3469	327E	-.9024
* 113A	.7877	129B	-.7408	* 213A	.2980	254C	.6838	* 312A	.1660	328E	-.8633
* 112A	.5362	157C	.4406	* 212A	.1562	253C	.7494	* 311A	.2063	329E	-.8156
* 111A	.4132	156C	.5772	* 211A	.2039	252C	.8150	* 310A	.5657	330E	-.7949
* 110A	.7705	155C	.7494	* 210A	.7193	251C	.8396	* 309A	.6937		
* 109A	.5657	154C	.8287	* 209A	.7619	243C	-.7020	* 308A	.5742		
* 108A	-.4243	153C	.9189	* 208A	-.0659	244C	-1.5207	* 301A	-.0915		
* 101A	-2.3957	152C	-.1307	* 201A	-1.4825	245C	-1.6301	* 302A	-3.3259		
* 102A	-3.9916	144C	-1.4072	* 202A	-4.2562	246C	-1.3277	* 303A	-3.9831		
* 103A	-3.3003	145C	-2.0708	* 203A	-3.6417	247C	-.9874	* 304A	-3.2577		
* 104A	-2.9675	146C	-1.9994	* 204A	-3.3601	248C	-.7854	* 305A	-2.1653		
* 105A	-2.5920	147C	-1.2541	* 206A	-2.0202	249C	-.7542	* 307A	-2.1994		
* 106A	-2.1482	148C	-.9606	* 207A	-2.1567	250C	-.7520	* 345E	.0119		
* 107A	-2.1482	149C	-.7933	* 242B	.7467	264D	.0661	* 344E	.1256		
* 142B	-.0296	150C	-.7955	* 241B	.6893	263D	.6374	* 343E	.1513		
* 141B	.6428	151C	-.7721	* 240B	.5636	262D	.7576	* 342E	.1611		
* 140B	.6374	166D	.0087	* 239B	.5718	261D	.8123	* 341E	.1391		
* 139B	.6374	165D	.6456	* 238B	.5499	256D	-1.0019	* 340E	.1049		
* 138B	.6210	164D	.8150	* 237B	.5327	257D	-2.1902	* 339E	.4141		
* 137B	.6538	159D	-1.0733	* 236B	.5462	258D	-1.3210	* 338E	.4899		
* 136B	.6647	160D	-1.4270	* 235B	.6146	259D	-.8245	* 337E	.2907		
* 135B	.5335	161D	-.1405	* 234B	.6843	260D	-.5846	* 336E	.3897		
* 134B	.5991	162D	-.6873	* 233B	.7515			* 335E	.5315		
* 133B	.7112			* 232B	.7515			* 334E	.6329		
* 132B	.7795			* 231B	.5339			* 333E	.6965		
* 131B	.7522			* 230B	-.7961			* 332E	.5584		
* 130B	.4433			* 215B	-3.0099			* 331E	-.0027		
* 115B	.0060			* 216B	-3.4283			* 314E	-2.7630		
* 116B	-.2707			* 217B	-4.4012			* 315E	-3.4625		
* 117B	-2.3957			* 218B	-3.7356			* 316E	-4.0257		
* 118B	-2.9504			* 219B	-2.5408			* 317E	-3.6673		
* 119B	-2.0885			* 220B	-2.2506			* 318E	-2.6688		
* 120B	-1.7898			* 222B	-1.1191			* 319E	-2.0117		
* 121B	-1.1481			* 223B	-1.0097			* 320E	-1.4313		
* 122B	-.7709			* 224B	-.9004			* 321E	-1.2692		
* 123B	-.6973			* 225B	-.8412			* 322E	-1.1750		
* 124B	-.7007			* 226B	-.8312			* 323E	-1.1225		
* 125B	-.7096			* 227B	-.7642			* 324E	-1.0076		
* 126B	-.7018			* 228B	-.7509			* 325E	-1.0014		
* 127B	-.7129			* 229B	-.7464			* 326E	-.9391		

TABLE 270 .- TABULATED PRESSURE DATA FOR RUN 22 AT ALPHA = 28.400 DEGREES AND QINF = 2.91 KN/SQM ( 60.69 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.7633	128B	-.6679	214A	.5729	255C	.4831	313A	.4245	327E	-.9988
113A	.8013	129B	-.6523	213A	.5036	254C	.7034	312A	.3260	328E	-.9733
112A	.5973	157C	.4504	212A	.3211	253C	.7714	311A	.3661	329E	-.9477
111A	.5434	156C	.5756	211A	.3369	252C	.8367	310A	.6687	330E	-.9173
110A	.7621	155C	.7469	210A	.7451	251C	.8503	309A	.7281		
109A	.5413	154C	.8313	209A	.6432	243C	-.7600	308A	.3799		
108A	-.3505	153C	.9101	208A	-.8176	244C	-1.5928	301A	-.7157		
101A	-1.8622	152C	-.0419	201A	-2.7540	245C	-1.7116	302A	-4.6224		
102A	-1.7858	144C	-1.2469	202A	-5.4972	246C	-1.3985	303A	-4.8602		
103A	-1.6499	145C	-1.9237	203A	-4.6988	247C	-1.0510	304A	-3.7901		
104A	-1.6499	146C	-1.8204	204A	-3.2890	248C	-.8666	305A	-2.4142		
105A	-1.6584	147C	-1.1576	206A	-2.3378	249C	-.8278	307A	-2.2529		
106A	-1.3310	148C	-.8689	207A	-2.4058	250C	-.7978	345E	-.0354		
107A	-1.5310	149C	-.7278	242B	.7524	264D	.0914	344E	.0687		
142B	.4669	150C	-.7356	241B	.7389	263D	.6572	343E	.1131		
141B	.6702	151C	-.7356	240B	.5837	262D	.7741	342E	.1350		
140B	.6463	166D	.0043	239B	.5946	261D	.8340	341E	.1228		
139B	.6462	165D	.6463	238B	.5701	256D	-1.0698	340E	.1021		
138C	.6408	164D	.8041	237B	.5498	257D	-2.3079	339E	.4002		
137B	.6517	159D	-1.0576	236B	.5839	258D	-1.4685	338E	.4914		
136B	.6572	162D	-1.3641	235B	.6362	259D	-.9066	337E	.3089		
135B	.5701	161D	-.1138	234B	.7031	260D	-.6024	336E	.4184		
134B	.6490	162D	-.6224	233B	.7517			335E	.5583		
133B	.7524			232B	.7189			334E	.6459		
132B	.8095			231B	.5121			333E	.6824		
131B	.7741			230B	-.7215			332E	.5595		
130B	.4912			215B	-2.8212			331E	.0389		
115B	.0778			216B	-3.7391			314E	-2.6156		
116B	-.2401			217B	-4.6054			315E	-3.1701		
117B	-2.0830			218B	-3.8411			316E	-3.6627		
118B	-2.1000			219B	-2.5841			317E	-3.1446		
119B	-1.1063			220B	-2.2869			318E	-2.1340		
120B	-1.2677			222B	-1.1198			319E	-1.7518		
121B	-.7911			223B	-1.0609			320E	-1.2507		
122B	-.6812			224B	-.9655			321E	-1.2507		
123B	-.6368			225B	-.8977			322E	-1.2081		
124B	-.6401			226B	-.8755			323E	-1.1387		
125B	-.6246			227B	-.8344			324E	-1.0621		
126B	-.6446			228B	-.8111			325E	-1.0329		
127B	-.6834			229B	-.8167			326E	-1.0122		

TABLE 21. - NORMAL-CHORD FORCE COEFFICIENT FOR RUN 22

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.974	-.06423	.74018	.30669	.06977	-.12399	.59838	.41146	.12074	-.14360	.18169
.127	.01227	1.19847	.34301	.07690	-.07980	1.33669	.47075	.14469	-.11303	.72346
4.224	.09757	1.48442	.34527	.07807	-.03837	1.80082	.47347	.13911	-.09756	1.10618
8.213	.21364	1.71907	.33719	.07317	.09320	2.11185	.46750	.14043	.00825	1.33197
12.291	.35903	1.89777	.33434	.07233	.26804	2.39003	.42289	.14465	.14783	1.55958
16.351	.41950	1.69014	.25947	.08590	.41190	2.44668	.36391	.14852	.29585	1.79656
18.445	.46677	1.60212	.25513	.09523	.41599	2.11587	.31626	.16496	.34985	1.83395
20.314	.50783	1.58071	.25563	.10025	.44003	1.98624	.33106	.17597	.36399	1.81794
24.423	.41104	1.35501	.25230	.10469	.44509	1.63198	.33522	.18293	.40519	1.61630
28.400	.27865	1.23940	.24161	.09955	.50755	1.69368	.35273	.19307	.48363	1.58062

TABLE 272.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 22

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.974	.00813	-.01314	-.05314	-.00380	.00079	-.01793	-.04788	-.01702	-.01099	-.05132
.127	.03083	-.02733	-.05647	-.00439	.00017	-.06796	-.04291	-.01958	-.00794	-.08454
4.224	.04423	-.04834	-.05654	-.00414	.03008	-.14201	-.04673	-.01743	.00551	-.15222
8.213	.03947	-.06413	-.05525	-.00548	.04697	-.19146	-.04710	-.01696	.04003	-.19501
12.281	.01213	-.07567	-.05423	-.00518	.04084	-.24699	-.04628	-.01576	.05301	-.22504
16.351	-.01307	-.08610	-.03356	-.00466	.01908	-.29478	-.03303	-.01619	.04660	-.25263
18.445	-.03053	-.10005	-.02590	-.00519	.01194	-.29324	-.01585	-.01664	.04125	-.23582
20.314	-.04607	-.10664	-.02309	-.00504	.00191	-.27566	-.01423	-.01916	.03613	-.22877
24.423	-.03064	-.07966	-.02308	-.00493	-.01549	-.21163	-.01111	-.01971	.01581	-.18808
28.400	-.02170	-.04709	-.02084	-.00494	-.05859	-.21668	-.01126	-.02095	-.00801	-.15635

TABLE 273 .- PITCHING-MOMENT COEFFICIENT FOR RUN 22

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.974	.00340	-.39542	-.01965	-.00305	.00838	-.31699	-.03591	-.00541	.01048	-.14009
.127	-.00176	-.54014	-.02163	-.00326	.00411	-.56444	-.03958	-.00622	.00727	-.30365
4.224	-.00672	-.61266	-.02172	-.00332	.00132	-.67242	-.03914	-.00614	.00556	-.37528
8.213	-.01331	-.66800	-.02114	-.00319	-.00743	-.75044	-.03861	-.00631	-.00199	-.42655
12.281	-.02167	-.71251	-.02093	-.00315	-.01933	-.80601	-.03452	-.00669	-.01131	-.50045
16.351	-.02485	-.61151	-.01746	-.00394	-.02867	-.78149	-.03052	-.00686	-.02096	-.58575
18.445	-.02716	-.55357	-.01792	-.00444	-.02859	-.64307	-.02814	-.00781	-.02453	-.63172
20.314	-.02929	-.54386	-.01815	-.00469	-.02989	-.61203	-.02972	-.00828	-.02675	-.63462
24.423	-.02471	-.50282	-.01804	-.00491	-.02939	-.54505	-.03051	-.00876	-.02645	-.57697
28.400	-.01765	-.49206	-.01731	-.00463	-.03254	-.57121	-.03226	-.00917	-.03052	-.59292

TABLE 274.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 22 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.205	2.89 (60.42)	-6.01	.3392	.1588	-.3613	.0038	.0034	-.0180
.205	2.89 (60.29)	-3.97	.7230	.1527	-.4312	.0063	.0029	-.0099
.205	2.89 (60.41)	-1.87	1.1709	.1622	-.5364	.0037	.0029	-.0130
.205	2.89 (60.29)	.13	1.4417	.1833	-.5299	.0021	.0027	-.0068
.205	2.90 (60.57)	2.24	1.6636	.2028	-.5085	.0010	.0026	-.0079
.205	2.89 (60.40)	4.22	1.8690	.2258	-.4743	.0016	.0030	-.0050
.205	2.89 (60.33)	6.23	2.0411	.2533	-.4462	.0014	.0023	-.0035
.205	2.89 (60.32)	8.21	2.2386	.2803	-.4016	.0015	.0028	-.0008
.205	2.89 (60.33)	10.43	2.4150	.3151	-.3604	.0017	.0027	-.0008
.205	2.89 (60.31)	12.28	2.5594	.3491	-.3055	.0022	.0038	-.0004
.205	2.89 (60.35)	14.48	2.5882	.3965	-.2723	-.0083	.0016	.0147
.204	2.88 (60.19)	15.37	2.5925	.4105	-.2458	-.0089	.0011	.0163
.205	2.89 (60.37)	16.35	2.5669	.4320	-.2353	-.0073	.0018	.0111
.205	2.89 (60.39)	17.36	2.5377	.4569	-.1979	-.0146	-.0011	.0105
.205	2.89 (60.44)	18.45	2.4368	.4822	-.1200	-.0237	-.0055	.0130
.205	2.89 (60.43)	19.40	2.3565	.5128	-.0631	-.0227	-.0076	.0153
.205	2.90 (60.49)	20.31	2.3230	.5477	-.0405	-.0189	-.0070	.0136
.205	2.90 (60.49)	22.42	2.2018	.6431	-.0124	-.0147	-.0047	.0138
.205	2.89 (60.35)	24.42	2.1161	.7211	-.0192	-.0128	-.0025	.0121
.205	2.90 (60.65)	26.33	2.0743	.7873	-.0073	-.0119	-.0017	.0105
.205	2.90 (60.64)	28.40	2.0393	.8437	-.0205	-.0122	-.0028	.0152

TABLE 275 .- TABULATED PRESSURE DATA FOR RUN 23 AT ALPHA = -3.966 DEGREES AND QINF = 2.90 KN/SQM ( 60.48 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.3662	128B	-.9627	* 214A	-.3669	255C	.5155	* 313A	-.5781	327E	-.3339
* 113A	-.3662	129B	-1.5611	* 213A	-.3901	254C	.6329	* 312A	-.5793	328E	-.2314
* 112A	.2780	157C	.4855	* 212A	-.3681	253C	.6329	* 311A	-.5830	329E	-.1312
* 111A	-.3362	156C	.5947	* 211A	-.3742	252C	.5920	* 310A	-.6323	330E	-.0763
* 110A	-.4789	155C	.7121	* 210A	-.3851	251C	.3463	* 309A	-.6238		
* 109A	-.4448	154C	.7449	* 209A	-.3681	243C	-2.4765	* 308A	-.6494		
* 108A	-.6835	153C	.8104	* 208A	-.3510	244C	-2.7457	* 301A	-.6153		
* 101A	-.0698	152C	-.0878	* 201A	-.3766	245C	-2.8471	* 302A	-.1635		
* 102A	.6377	144C	-3.3938	* 202A	.6206	246C	-2.3133	* 303A	.7144		
* 103A	.7229	145C	-3.7743	* 203A	.7741	247C	-1.7294	* 304A	.7570		
* 104A	.5098	146C	-3.7297	* 204A	.6547	248C	-1.2067	* 305A	.6377		
* 105A	.3223	147C	-2.3925	* 206A	.3223	249C	-.8390	* 307A	.1092		
* 106A	.1263	148C	-1.7015	* 207A	-.0783	250C	-.6351	* 345E	.1410		
* 107A	-.1039	149C	-1.1131	* 242B	.3900	264D	.3326	* 344E	.1349		
* 142B	-.0905	150C	-.7810	* 241B	.5019	263D	.6302	* 343E	.1056		
* 141B	.4773	151C	-.6284	* 240B	.3108	262D	.6930	* 342E	.0726		
* 140B	.4063	166D	.2562	* 239B	.2234	261D	.6657	* 341E	.0092		
* 139B	.3790	165D	.6930	* 238B	.0951	256D	-.9203	* 340E	-.0617		
* 138B	.3527	164D	.7967	* 237B	.0079	257D	-1.5767	* 339E	.2033		
* 137B	.4664	159D	-.9103	* 236B	-.2778	258D	-.7643	* 338E	.0922		
* 136B	.6247	160D	-.9293	* 235B	-.3632	259D	-.3342	* 337E	.8284		
* 135B	-.0932	161D	-.1202	* 234B	-.4572	260D	-.0400	* 336E	-.4292		
* 134B	-.3471	162D	-.1603	* 233B	-.4292			* 335E	-.5659		
* 133B	-.3772			* 232B	-.4255			* 334E	-.6343		
* 132B	-.3826			* 231B	-.4218			* 333E	-.6233		
* 131B	-.3690			* 230B	-.4450			* 332E	-.6355		
* 130B	-.4017			* 215B	-.4719			* 331E	-.6404		
* 115B	-.4263			* 216B	-.4874			* 314E	-.6147		
* 116B	-.4533			* 217B	-.7176			* 315E	-.5727		
* 117B	.5269			* 218B	-.7517			* 316E	-.5812		
* 118B	-.5982			* 219B	-.9733			* 317E	-.4107		
* 119B	-1.0415			* 220B	-1.1608			* 318E	-.5045		
* 120B	-1.0500			* 222B	-.7476			* 319E	-.5300		
* 121B	-.7866			* 223B	-.6863			* 320E	-.4874		
* 122B	-.7042			* 224B	-.7298			* 321E	-.4316		
* 123B	-.6607			* 225B	-.7376			* 322E	-.4304		
* 124B	-.6707			* 226B	-.9571			* 323E	-.4243		
* 125B	-.7186			* 227B	-.9627			* 324E	-.4072		
* 126B	-.7710			* 228B	-1.1376			* 325E	-.4255		
* 127B	-.8401			* 229B	-1.5500			* 326E	-.4060		



TABLE 276.- TABULATED PRESSURE DATA FOR RUN 23 AT ALPHA = .134 DEGREES AND QINF = 2.89 KN/SQM ( 60.45 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CF	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	-.1432	1283	-1.1150	* 214A	-.2440	255C	.4964	* 313A	-.4553	327E	-.3686
* 113A	-.1755	129B	-1.6190	* 213A	-.3050	254C	.7067	* 312A	-.5139	328E	-.2574
* 112A	.2260	157C	.4718	* 212A	-.3356	253C	.7695	* 311A	-.4870	329E	-.2146
* 111A	-.2165	156C	.6002	* 211A	-.2867	252C	.8323	* 310A	-.6073	330E	-.1829
* 110A	-.2662	155C	.7641	* 210A	-.4794	251C	.8542	* 309A	-.5903		
* 109A	-.3600	154C	.8460	* 209A	-.4965	243C	-1.6804	* 308A	-.6158		
* 108A	-.1639	153C	.9170	* 208A	-.5391	244C	-2.8744	* 301A	-.7267		
* 101A	.4586	152C	-.0963	* 201A	.1090	245C	-3.1274	* 302A	.3648		
* 102A	.7059	144C	-3.2372	* 202A	.7486	246C	-2.5544	* 303A	.7656		
* 103A	.4331	145C	-4.0539	* 203A	.5951	247C	-1.8520	* 304A	.5439		
* 104A	.0493	146C	-3.9937	* 204A	.3648	248C	-1.2979	* 305A	.3563		
* 105A	-.1383	147C	-2.5299	* 206A	-.0786	249C	-.9010	* 307A	-.2406		
* 106A	-.2833	148C	-1.7951	* 207A	-.4794	250C	-.7126	* 345E	.1982		
* 107A	-.4282	149C	-1.2143	* 242B	.6712	264D	.2752	* 344E	.2483		
* 142B	.2915	150C	-.8330	* 241B	.5920	263D	.6876	* 343E	.2495		
* 141B	.5565	151C	-.6802	* 240B	.4527	262D	.7968	* 342E	.2324		
* 140B	.5346	166D	.2397	* 239B	.4500	261D	.8596	* 341E	.1787		
* 139B	.5374	165D	.6985	* 238B	.4090	256D	-.8430	* 340E	.1274		
* 138B	.5155	164D	.8405	* 237B	.3436	257D	-1.9367	* 339E	.2324		
* 137B	.4909	159D	-.8742	* 236B	.3082	258D	-1.0281	* 338E	.1323		
* 136B	.6084	160D	-1.0894	* 235B	.3497	259D	-.4695	* 337E	.8309		
* 135B	.2287	161D	-.1094	* 224B	.4804	260D	-.1194	* 336E	.1334		
* 134B	.3325	162D	-.1763	* 232B	.5610			* 335E	.3472		
* 133B	.1495			* 232B	-.4235			* 334E	.0871		
* 132B	-.3858			* 231B	-.6287			* 333E	-.5762		
* 131B	-.3749			* 230B	-1.1014			* 332E	-.7387		
* 130B	-.3803			* 215B	-1.3861			* 331E	-.9341		
* 119B	-.3721			* 216B	-1.0678			* 314E	-1.1466		
* 116B	-.4197			* 217B	-1.5795			* 315E	-.9911		
* 117B	-.7182			* 218B	-1.6903			* 316E	-1.0422		
* 118B	-1.3833			* 219B	-1.6391			* 317E	-1.1616		
* 119B	-1.7244			* 220B	-2.0058			* 318E	-1.1787		
* 120B	-1.6221			* 222B	-1.1295			* 319E	-1.2895		
* 121B	-1.2221			* 223B	-1.0716			* 320E	-.9484		
* 122B	-1.0069			* 224B	-1.0459			* 321E	-.8034		
* 123B	-.9389			* 225B	-1.0091			* 322E	-.7167		
* 124B	-.9077			* 226B	-1.1853			* 323E	-.6532		
* 125B	-.9155			* 227B	-1.1853			* 324E	-.5640		
* 126B	-.9445			* 228B	-1.3113			* 325E	-.5249		
* 127B	-.9957			* 229B	-1.6747			* 326E	-.4626		

TABLE 277. - TAPULATED PRESSURE DATA FOR RUN 23 AT ALPHA = 4.225 DEGREES AND QINF = 2.89 KN/SQM ( 60.30 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.1454	128B	-1.1368	214A	-.5150	255C	.5089	313A	-.6399	327E	-.3926
113A	-.1974	129B	-1.5771	213A	-.5493	254C	.7170	312A	-.6314	328E	-.3155
112A	.1804	157C	.4980	212A	-.5542	253C	.7854	311A	-.6020	329E	-.2934
111A	-.1919	156C	.6212	211A	-.5089	252C	.8566	310A	-.5855	330E	-.2640
110A	-.2179	155C	.7827	210A	-.3974	251C	.8703	309A	-.7222		
109A	-.0469	154C	.8621	209A	-.4572	243C	-1.7087	308A	-.8590		
108A	.3719	153C	.9470	208A	.1155	244C	-3.0143	301A	-.3376		
101A	.7053	152C	-.0222	201A	.6711	245C	-3.2579	302A	.7309		
102A	.4146	144C	-3.0419	202A	.6027	246C	-2.6578	303A	.5856		
103A	-.0811	145C	-3.9028	203A	.0898	247C	-1.8867	304A	.1240		
104A	-.5171	146C	-3.8368	204A	-.0811	248C	-1.2866	305A	-.0213		
105A	-.6026	147C	-2.4097	206A	-.5342	249C	-.9597	307A	-.6709		
106A	-.6880	148C	-1.7001	207A	-.9188	250C	-.6317	345E	.1767		
107A	-.7393	149C	-1.1368	242B	.7088	264D	.2707	344E	.2404		
142B	.2461	150C	-.7825	241B	.6540	263D	.6951	343E	.2416		
141B	.5993	151C	-.6350	240B	.4843	262D	.8046	342E	.2343		
140B	.5828	165D	.2707	239B	.4925	261D	.8785	341E	.1767		
139B	.5828	165D	.7142	238B	.4514	256D	-.7758	340E	.1265		
136B	.5609	164D	.8484	237B	.3661	257D	-1.7951	339E	.2649		
137B	.5390	159D	-.8384	236B	.3641	258D	-.9535	338E	.1841		
136B	.5910	160D	-1.0183	235B	.3971	259D	-.4484	337E	.8514		
135B	.2926	161D	-.0494	234B	.4792	260D	-.1444	336E	.1412		
134B	.3529	162D	-.1511	233B	.6102			335E	.2980		
133B	.5746			232B	.7804			334E	.4584		
132B	.7197			231B	.4669			333E	.7375		
131B	-.1153			230B	-1.7174			332E	.5245		
130B	-1.1118			215B	-3.8099			331E	-.6975		
115B	-.6572			216B	-2.2010			314E	-3.2614		
116B	-.5855			217B	-2.9105			315E	-2.2523		
117B	-1.4488			218B	-2.8678			316E	-2.0614		
118B	-2.2096			219B	-2.5173			317E	-2.1155		
119B	-2.3891			220B	-3.0302			318E	-1.8933		
120B	-2.2267			222B	-1.4754			319E	-2.1754		
121B	-1.6162			223B	-1.3536			320E	-1.3462		
122B	-1.2765			224B	-1.2787			321E	-1.0464		
123B	-1.1390			225B	-1.1938			322E	-.9019		
124B	-1.0686			226B	-1.3581			323E	-.8260		
125B	-1.0295			227B	-1.3346			324E	-.6889		
126B	-1.0150			228B	-1.4441			325E	-.6216		
127B	-1.0418			229B	-1.7559			326E	-.5126		

TABLE 278 .- TABULATED PRESSURE DATA FOR RUN 23 AT ALPHA = 8.275 DEGREES AND QINF = 2.89 KN/SQM ( 60.44 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.0637	128B	-1.1355	214A	-.2270	255C	.5237	313A	-.4653	327E	-.4494
113A	-.1483	129B	-1.5235	213A	-.3932	254C	.7231	312A	-.4787	328E	-.3920
112A	-.1440	157C	.5073	212A	-.3883	253C	.7832	311A	-.4396	329E	-.3773
111A	-.1456	156C	.6193	211A	-.3358	252C	.8487	310A	-.2749	330E	-.3541
110A	.0151	155C	.7750	210A	-.0788	251C	.8542	309A	-.1811		
109A	.3648	154C	.8542	209A	.1345	243C	-1.7027	308A	.0407		
108A	.6633	153C	.9307	208A	.6292	244C	-2.9475	301A	.4927		
101A	.5183	152C	-.0281	201A	.6462	245C	-3.1929	302A	.5865		
102A	-.4114	144C	-2.9183	202A	-.3773	246C	-2.5650	303A	-.1896		
103A	-1.0596	145C	-3.7638	203A	-1.0255	247C	-1.7845	304A	-.5649		
104A	-1.4178	146C	-3.6924	204A	-1.0034	248C	-1.1789	305A	-.6587		
105A	-1.3411	147C	-2.2718	206A	-1.1620	249C	-.7519	307A	-1.2387		
106A	-1.3240	148C	-1.5938	207A	-1.5799	250C	-.5534	345E	.1431		
107A	-1.1705	149C	-1.0451	242B	.6930	264D	.2860	344E	.2067		
142B	.5483	150C	-.7084	241B	.6930	263D	.6958	343E	.2140		
141B	.5947	151C	-.5701	240B	.5100	262D	.8023	342E	.2091		
140B	.5783	166D	.2751	239B	.5127	261D	.8624	341E	.1664		
139B	.5838	165D	.7122	238B	.4854	256D	-.7151	340E	.1211		
138B	.5674	164D	.8460	237B	.4535	257D	-1.6596	339E	.2873		
137B	.5592	159D	-.7831	236B	.4376	258D	-.9035	338E	.2250		
136B	.5728	160D	-.9715	235B	.4877	259D	-.4307	337E	.8481		
135B	.3543	161D	-.0248	234B	.5720	260D	-.1363	336E	.2067		
134B	.4226	162D	-.1430	233B	.6844			335E	.3582		
133B	.5783			232B	.7833			334E	.5145		
132B	.7531			231B	.5011			333E	.7173		
131B	.4936			230B	-1.4989			332E	.5903		
130B	-.8395			215B	-3.8775			331E	-.3541		
115B	-1.3257			216B	-3.1322			314E	-3.6063		
116B	-.9317			217B	-4.0960			315E	-3.0128		
117B	-2.3646			218B	-3.9169			316E	-2.9957		
118B	-3.2601			219B	-3.3028			317E	-2.9872		
119B	-3.3369			220B	-3.8913			318E	-2.5778		
120B	-2.9702			222B	-1.7443			319E	-2.7910		
121B	-1.9740			223B	-1.5570			320E	-1.7249		
122B	-1.5168			224B	-1.4522			321E	-1.2960		
123B	-1.3027			225B	-1.3328			322E	-1.0932		
124B	-1.1745			226B	-1.4488			323E	-.9589		
125B	-1.1009			227B	-1.3852			324E	-.7524		
126B	-1.0440			228B	-1.4655			325E	-.6351		
127B	-1.0619			229B	-1.7109			326E	-.5264		

TABLE 279 .- TABULATED PRESSURE DATA FOR RUN 23 AT ALPHA = 12.319 DEGREES AND QINF = 2.89 KN/SQM ( 60.40 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.3643	128E	-1.1163	214A	.2795	255C	.5397	313A	-.2401	327E	-.6435
113A	.0668	129E	-1.4582	213A	-.1875	254C	.7256	312A	-.2853	328E	-.6044
112A	.1543	157C	.5315	212A	-.2340	253C	.7912	311A	-.2340	329E	-.5824
111A	.0586	156C	.6436	211A	-.1336	252C	.8540	310A	.0485	330E	-.5225
110A	.3643	155C	.7884	210A	.3387	251C	.8486	309A	.2875		
109A	.6289	154C	.8622	209A	.6118	243C	-1.5486	308A	.6033		
103A	.6289	153C	.9360	208A	.7227	244C	-2.6699	301A	.7227		
101A	-.2075	152C	.0231	201A	-.0283	245C	-2.8987	302A	-.3014		
102A	-1.6323	144C	-2.6447	202A	-1.9144	246C	-2.2928	303A	-1.2658		
103A	-2.3240	145C	-3.6418	203A	-2.2216	247C	-1.5017	304A	-1.4791		
104A	-2.4947	146C	-3.4097	204A	-2.1192	248C	-.9226	305A	-1.3767		
105A	-2.1619	147C	-2.1678	206A	-1.8888	249C	-.5923	307A	-1.7778		
106A	-1.9571	148C	-1.5129	207A	-2.2899	250C	-.4785	345E	.0936		
107A	-1.5986	149C	-.9840	242B	.7064	264D	.2500	344E	.1743		
142B	.5780	150C	-.6336	241B	.7256	263D	.6873	343E	.1841		
141B	.6354	151C	-.5042	240B	.5534	262D	.7939	342E	.1841		
140B	.6162	166D	.3320	239B	.5616	261D	.8568	341E	.1450		
139B	.6135	165D	.7338	238B	.5370	256D	-.6838	340E	.1120		
138B	.6080	164D	.8540	237B	.4995	257D	-1.6423	339E	.3015		
137B	.6026	159D	-.7474	236B	.5117	258D	-.9739	338E	.2611		
136B	.5944	160D	-.8947	235B	.5631	259D	-.5008	337E	.8455		
135B	.4522	161D	.0035	234B	.6474	260D	-.2286	336E	.2758		
134B	.5151	162D	-.0980	233B	.7367			335E	.4396		
133B	.6572			232B	.7721			334E	.5741		
132B	.7529			231B	.4885			333E	.7183		
131B	.5916			230B	-1.3587			332E	.5826		
130B	-.3596			215B	-3.8513			331E	-.2438		
115B	-.9391			216B	-4.0480			314E	-3.6447		
116B	-.9329			217B	-5.4220			315E	-3.5103		
117B	-3.0495			218B	-5.0294			316E	-3.8432		
118B	-4.0480			219B	-4.2528			317E	-3.6895		
119B	-4.0395			220B	-4.6369			318E	-3.1433		
120B	-3.3908			222B	-2.0228			319E	-3.2287		
121B	-2.2515			223B	-1.7784			320E	-1.9229		
122B	-1.6769			224B	-1.5244			321E	-1.4039		
123B	-1.4136			225B	-1.4069			322E	-1.1496		
124B	-1.2551			226B	-1.5218			323E	-.9919		
125B	-1.1469			227B	-1.3968			324E	-.8342		
126B	-1.0654			228B	-1.4191			325E	-.7853		
127B	-1.0565			229B	-1.5441			326E	-.7071		

TABLE 280 .- TABULATED PRESSURE DATA FOR RUN 23 AT ALPHA = 16.297 DEGREES AND QINF = 2.90 KN/SqM ( 60.51 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
114A	.5044	128B	-.8285	214A	.5510	255C	.5426	313A	.0531	327E	-.7852	
113A	.2179	129B	-.9343	213A	.0238	254C	.7335	312A	-.1190	328E	-.6559	
112A	.1906	157C	.4825	212A	-.1446	253C	.7936	311A	-.0787	329E	-.6156	
111A	.1715	156C	.6053	211A	-.0177	252C	.8454	310A	.3136	330E	-.5693	
110A	.5010	155C	.7608	210A	.5522	251C	.8563	309A	.5436			
109A	.6885	154C	.8400	209A	.7461	243C	-1.2282	308A	.7311			
108A	.5010	153C	.9191	208A	.2796	244C	-2.2564	301A	.5096			
101A	-.6661	152C	-.0659	201A	-1.1176	245C	-2.4079	302A	-1.6969			
102A	-2.4125	144C	-1.8803	202A	-3.4944	246C	-1.8933	303A	-2.8043			
103A	-2.8469	145C	-2.4480	203A	-3.5370	247C	-1.1782	304A	-2.3784			
104A	-2.8214	146C	-2.5337	204A	-3.0940	248C	-.7572	305A	-2.0802			
105A	-2.3869	147C	-1.4099	206A	-2.2762	249C	-.5445	307A	-2.3699			
106A	-1.9524	148C	-1.0513	207A	-2.7617	250C	-.4933	345E	.0848			
107A	-1.6457	149C	-.7316	242B	.7172	264D	.2642	344E	.1702			
142B	.3843	150C	-.6213	241B	.7417	263D	.6981	343E	.1861			
141B	.6408	151C	-.5879	240B	.5480	262D	.8045	342E	.1861			
140B	.6244	166D	.1360	239B	.5589	261D	.8591	341E	.1629			
139B	.6244	165D	.6790	238B	.5507	256D	-.7082	340E	.1007			
138B	.6080	164D	.8263	237B	.5265	257D	-1.7017	339E	.3179			
137B	.6217	159D	-.7127	236B	.5424	258D	-1.0078	338E	.2971			
136B	.6108	160D	-1.1381	235B	.5998	259D	-.5044	337E	.8402			
135B	.4743	161D	-.0767	234B	.6779	260D	-.2360	336E	.3362			
134B	.5507	162D	-.3819	233B	.7499			335E	.4899			
133B	.6708			232B	.7486			334E	.6071			
132B	.7417			231B	.4643			333E	.7071			
131B	.6053			230B	-1.2709			332E	.5473			
130B	-.1396			215B	-3.9299			331E	-.2251			
115B	-.7207			216B	-4.5933			314E	-3.6626			
116B	-.9046			217B	-6.0842			315E	-3.9970			
117B	-2.9492			218B	-5.5560			316E	-4.5933			
118B	-3.8948			219B	-4.8659			317E	-4.3378			
119B	-3.7499			220B	-4.9511			318E	-3.7329			
120B	-3.0344			222B	-2.0849			319E	-3.5540			
121B	-1.9802			223B	-1.7997			320E	-2.1228			
122B	-1.4366			224B	-1.6182			321E	-1.5076			
123B	-1.2061			225B	-1.4266			322E	-1.2855			
124B	-1.0457			226B	-1.4210			323E	-1.2062			
125B	-.9087			227B	-1.2651			324E	-1.0476			
126B	-.8252			228B	-1.2306			325E	-.9817			
127B	-.7918			229B	-1.2428			326E	-.8877			
*****												

TABLE 201 .- TABULATED PRESSURE DATA FOR RUN 23 AT ALPHA = 20.348 DEGREES AND QINF = 2.89 KN/SQM ( 60.46 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.6612	128B	-.8166	214A	.5837	255C	.4947	313A	.2527	327E	-1.0138
113A	.4892	129B	-.9259	213A	.2454	254C	.6885	312A	.0121	328E	-.9405
112A	.2571	157C	.4837	212A	.0341	253C	.7513	311A	.1574	329E	-.8868
111A	.2516	156C	.6175	211A	.1245	252C	.8114	310A	.4825	330E	-.8245
110A	.6360	155C	.7759	210A	.6701	251C	.8223	309A	.6530		
109A	.6530	154C	.8524	209A	.7553	243C	-1.1138	308A	.7042		
108A	.1670	153C	.9316	208A	-.2081	244C	-2.0183	301A	.2949		
101A	-1.4700	152C	.0058	201A	-2.0157	245C	-2.1688	302A	-2.0413		
102A	-3.3969	144C	-1.6900	202A	-5.0681	246C	-1.7508	303A	-2.9109		
103A	-3.7550	145C	-2.4386	203A	-4.5991	247C	-1.2380	304A	-2.4164		
104A	-3.4737	146C	-2.3650	204A	-4.0961	248C	-.9092	305A	-1.9986		
105A	-2.4846	147C	-1.4320	206A	-2.7063	249C	-.8088	307A	-1.8878		
106A	-2.1947	148C	-1.0084	207A	-3.0388	250C	-.7565	345E	.0219		
107A	-1.7684	149C	-.7743	242B	.6967	264D	.1342	344E	.1245		
142B	.5302	150C	-.6628	241B	.7404	263D	.6640	343E	.1489		
141B	.6667	151C	-.6428	240B	.5520	262D	.7732	342E	.1465		
140B	.6367	166D	.1205	239B	.5575	261D	.8169	341E	.1269		
139B	.6394	165D	.6722	238B	.5465	256D	-1.0073	340E	.0781		
138B	.6285	164D	.8333	237B	.5397	257D	-2.2156	339E	.3260		
137B	.6339	159D	-.6940	236B	.5617	256D	-1.3840	338E	.3248		
136B	.6230	160D	-1.2113	235B	.6325	259D	-.7754	337E	.8340		
135B	.5220	161D	-.0007	234B	.7095	260D	-.4878	336E	.3553		
134B	.6012	162D	-.4499	233B	.7742			335E	.4970		
133B	.7049			232B	.7461			334E	.6093		
132B	.7432			231B	.4664			333E	.6960		
131B	.6285			230B	-1.1579			332E	.5751		
130B	.0140			215B	-3.9180			331E	-.0050		
115B	-.5348			216B	-4.9316			314E	-2.5978		
116B	-.9158			217B	-6.3896			315E	-2.8939		
117B	-3.2008			218B	-5.7501			316E	-3.2776		
118B	-3.9511			219B	-4.8975			317E	-2.8598		
119B	-3.8829			220B	-4.9316			318E	-2.0072		
120B	-3.0132			222B	-1.9637			319E	-1.6491		
121B	-1.9191			223B	-1.6215			320E	-1.2057		
122B	-1.3517			224B	-1.4219			321E	-1.2898		
123B	-1.1154			225B	-1.2057			322E	-1.2177		
124B	-.9571			226B	-1.1243			323E	-1.1469		
125B	-.8456			227B	-1.0452			324E	-1.0919		
126B	-.7843			228B	-1.0284			325E	-1.0614		
127B	-.7542			229B	-1.0853			326E	-1.0553		







TABLE 204.- NORMAL-CHRGD FORCE COEFFICIENT FOR RUN 23

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.966	-.07822	.71189	.32283	.07365	-.11739	.61121	.41307	.11886	-.14408	.28189
.134	-.02447	1.18965	.34881	.07852	-.07789	1.32528	.47166	.14576	-.11389	.77516
4.225	.02749	1.50446	.34042	.07670	-.04530	1.79100	.47896	.14408	-.09655	1.17515
8.275	.12850	1.76060	.32456	.07527	.09928	2.10646	.45989	.14025	.01163	1.40616
12.319	.27043	1.95414	.31334	.07327	.27828	2.40316	.41567	.14728	.14971	1.62319
16.297	.32013	1.75303	.25712	.08746	.41514	2.48449	.37169	.15071	.29996	1.84333
20.348	.39755	1.74754	.26144	.09136	.53847	2.38511	.37834	.18124	.31795	1.57694
24.373	.48848	1.68532	.26116	.10260	.47364	1.70494	.33847	.18389	.39433	1.59764
28.363	.42363	1.44353	.25954	.10583	.53644	1.73237	.35187	.19094	.47988	1.57045

TABLE 205.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 23

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.966	-.01137	-.01862	-.05568	-.00395	-.00174	-.01956	-.04992	-.01718	-.01397	-.04970
.134	.01312	-.03965	-.05669	-.00395	.00596	-.06364	-.04247	-.01958	-.00741	-.08624
4.225	.03691	-.07171	-.05445	-.00376	.03588	-.14400	-.04685	-.01802	.00544	-.15377
8.275	.05130	-.11791	-.05317	-.00346	.04650	-.19545	-.04829	-.01672	.03854	-.20014
12.319	.04436	-.13644	-.05024	-.00320	.04168	-.25437	-.04573	-.01601	.05161	-.22662
16.297	.02866	-.14149	-.03346	-.00304	.01309	-.29349	-.03571	-.01656	.04687	-.25563
20.348	.00335	-.14629	-.03064	-.00311	-.01649	-.31860	-.02330	-.02065	.03226	-.14095
24.373	-.02370	-.16372	-.02453	-.00327	-.03085	-.22164	-.01186	-.01968	.01662	-.18197
28.363	-.03804	-.11046	-.02372	-.00329	-.06769	-.22573	-.01105	-.02087	-.01044	-.15516

TABLE 236.- PITCHING-MOMENT COEFFICIENT FOR RUN 23

ALPHA	COMPONENT-STATION									
	L-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.966	.00456	-.38206	-.02044	-.00319	.00790	-.32382	-.03597	-.00526	.01053	-.17983
.134	.00046	-.53851	-.02195	-.00333	.00396	-.56276	-.03972	-.00629	.00735	-.32852
4.225	-.00288	-.60961	-.02141	-.00329	.00186	-.67021	-.03977	-.00638	.00546	-.40111
8.275	-.00901	-.66827	-.02037	-.00325	-.00789	-.74251	-.03784	-.00630	-.00232	-.45064
12.319	-.01764	-.71316	-.01966	-.00318	-.02017	-.80435	-.03393	-.00680	-.01154	-.52449
16.297	-.02006	-.61845	-.01733	-.00393	-.02861	-.79808	-.03103	-.00697	-.02128	-.59811
20.348	-.02416	-.61262	-.01781	-.00419	-.03594	-.73231	-.03338	-.00648	-.02186	-.60467
24.373	-.02888	-.57072	-.01843	-.00481	-.03095	-.56375	-.03084	-.00873	-.02579	-.57226
28.363	-.02450	-.54130	-.01852	-.00491	-.03409	-.57617	-.03223	-.00904	-.03018	-.58686

TABLE 287.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 23 OF TEST 218

MACH	Q, KPA (PSF)	ALPHA, DEG	CL	CD	CPM	CRM	CYM	CSF
.205	2.89 (60.41)	-6.03	.3174	.1624	-.3549	.0045	.0025	-.0107
.205	2.89 (60.42)	-3.97	.7188	.1561	-.4418	.0066	.0015	-.0027
.205	2.89 (60.41)	-1.92	1.1446	.1646	-.5394	.0043	.0002	-.0002
.205	2.89 (60.40)	.13	1.4317	.1845	-.5444	.0014	.0017	-.0008
.205	2.89 (60.30)	2.16	1.6730	.2055	-.5273	.0006	.0021	-.0012
.205	2.88 (60.25)	4.23	1.8820	.2276	-.5004	.0007	.0017	.0002
.205	2.89 (60.45)	6.20	2.0518	.2523	-.4719	-.0037	.0006	-.0020
.205	2.89 (60.39)	8.28	2.2459	.2820	-.4228	.0007	.0023	-.0010
.205	2.89 (60.32)	10.29	2.4036	.3127	-.3753	.0010	.0023	-.0025
.205	2.89 (60.35)	12.32	2.5808	.3474	-.3236	-.0007	.0027	-.0009
.205	2.90 (60.51)	14.37	2.6389	.3838	-.2686	-.0066	.0019	.0102
.205	2.89 (60.46)	16.30	2.5732	.4403	-.2655	-.0028	.0021	.0019
.205	2.89 (60.41)	18.38	2.5856	.4961	-.1962	-.0077	.0013	.0042
.205	2.89 (60.41)	20.35	2.5585	.5774	-.1079	-.0187	-.0057	.0124
.205	2.90 (60.47)	22.46	2.4245	.6374	-.0009	.0100	.0083	-.0020
.205	2.89 (60.43)	24.37	2.2733	.7130	.0702	-.0102	-.0040	.0046
.205	2.90 (60.60)	26.38	2.2237	.7890	.0682	-.0122	-.0059	.0025
.205	2.91 (60.75)	28.36	2.1584	.8614	.0569	-.0125	-.0075	.0088

TABLE 258 .- TABULATED PRESSURE DATA FOR RUN 25 AT ALPHA = -3.859 DEGREES AND QINF = 2.89 KN/SQM ( 60.34 LB/SQFT )

*****											
WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.4515	128B	-.9270	214A	-.3921	255C	.5307	313A	-.5757	327E	-.3297
113A	-.4406	129B	-1.4430	213A	-.3921	254C	.6620	312A	-.5781	328E	-.2245
112A	-.5828	157C	.4814	212A	-.3652	253C	.6182	311A	-.5720	329E	-.1291
111A	-.4953	156C	.5881	211A	-.3738	252C	.5307	310A	-.6703	330E	-.0630
110A	-.5678	155C	.6948	210A	-.3884	251C	.2325	309A	-.6447		
109A	-.6019	154C	.7030	209A	-.3969	243C	-2.5801	308A	-.6447		
108A	-.6019	153C	.6839	208A	-.3969	244C	-2.6592	301A	-.6617		
101A	-.5507	152C	-.1041	201A	-.0980	245C	-2.7697	302A	-.2346		
102A	.3121	144C	-3.3297	202A	.5854	246C	-2.2538	303A	.6623		
103A	.6870	145C	-3.4767	203A	.7733	247C	-1.6942	304A	.7136		
104A	.6708	146C	-3.3672	204A	.6794	248C	-1.1638	305A	.6196		
105A	.5256	147C	-2.2627	206A	.2864	249C	-.8242	307A	.0643		
106A	.3462	148C	-1.5837	207A	-.0980	250C	-.5886	345E	.1242		
107A	-.0040	149C	-1.0755	242B	.3956	264D	.3419	344E	.1047		
142B	.3829	150C	-.7204	241B	.4595	263D	.6401	343E	.0814		
141B	.4459	151C	-.5986	240B	.2653	262D	.6948	342E	.0447		
140B	.3638	166D	.2790	239B	.1449	261D	.6675	341E	.0092		
139B	.3693	165D	.6811	238B	.0191	256D	-.9181	340E	-.1193		
138B	.3173	164D	.7742	237B	-.2649	257D	-1.5133	339E	-.0177		
137B	.3446	159D	-.5942	236B	-.3652	258D	-.7249	338E	-.0458		
136B	.7277	160D	-.8566	235B	-.4056	259D	-.3194	337E	-.0862		
135B	-.2162	161D	-.1240	234B	-.4496	260D	-.0302	336E	-.4753		
134B	-.3749	162D	-.1408	233B	-.4215			335E	-.5744		
133B	-.4652			232B	-.4264			334E	-.6209		
132B	-.5090			231B	-.4141			333E	-.6087		
131B	-.5227			230B	-.4276			332E	-.6234		
130B	-.5144			215B	-.4337			331E	-.6344		
115B	-.5309			216B	-.5251			314E	-.6087		
116B	-.6276			217B	-.6019			315E	-.5849		
117B	.2437			218B	-.7728			316E	-.6019		
118B	-.7301			219B	-.9266			317E	-.4055		
119B	-1.1486			220B	-.9863			318E	-.5165		
120B	-1.1145			222B	-.6791			319E	-.5165		
121B	-.8075			223B	-.5802			320E	-.4653		
122B	-.6757			224B	-.6958			321E	-.4337		
123B	-.6679			225B	-.7148			322E	-.4288		
124B	-.6657			226B	-.8890			323E	-.4154		
125B	-.7047			227B	-.9404			324E	-.3995		
126B	-.7316			228B	-1.1035			325E	-.4239		
127B	-.8064			229B	-1.4698			326E	-.4031		
*****											



TABLE 290 .- TABULATED PRESSURE DATA FOR RUN 25 AT ALPHA = 4.399 DEGREES AND QINF = 2.89 KN/SQM ( 60.33 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.1505	128B	-1.1303	214A	-.5242	255C	.4953	313A	-.6429	327E	-.3982
113A	-.2982	129B	-1.5436	213A	-.5622	254C	.6978	312A	-.6417	328E	-.3162
112A	-.3858	157C	.4899	212A	-.5622	253C	.7662	311A	-.6148	329E	-.2942
111A	-.3612	156C	.6130	211A	-.5279	252C	.8374	310A	-.6446	330E	-.2734
110A	-.3969	155C	.7744	210A	-.4652	251C	.8565	309A	-.7386		
109A	-.4738	154C	.8538	209A	-.5421	243C	-1.7266	308A	-.9437		
108A	-.2089	153C	.9414	208A	.0218	244C	-2.9924	301A	-.3883		
101A	.4319	152C	-.1012	201A	.3037	245C	-3.2382	302A	.6540		
102A	.6967	144C	-2.9744	202A	.5088	246C	-2.6439	303A	.5088		
103A	.3892	145C	-3.8514	203A	.0303	247C	-1.8687	304A	.0559		
104A	-.0209	146C	-3.7687	204A	-.2260	248C	-1.2543	305A	-.0978		
105A	-.2516	147C	-2.3624	206A	-.6105	249C	-.8332	307A	-.7386		
106A	-.4823	148C	-1.6833	207A	-1.0206	250C	-.6143	345E	.1746		
107A	-.7044	149C	-1.1169	242B	.6841	264D	.2518	344E	.2358		
142B	.4817	150C	-.7617	241B	.6130	263D	.6759	343E	.2431		
141B	.5911	151C	-.6288	240B	.4625	262D	.7327	342E	.2296		
140B	.5802	166D	.2737	239B	.4570	261D	.8593	341E	.1758		
139B	.5774	165D	.7142	238B	.4324	256D	-.7617	340E	.1195		
138B	.5610	164D	.8429	237B	.3814	257D	-1.7704	339E	.1048		
137B	.5419	159D	-.4970	236B	.3508	258D	-.9371	338E	.0730		
136B	.5282	160D	-1.0421	235B	.3973	259D	-.4300	337E	.0436		
135B	.2901	161D	-.0937	234B	.4720	260D	-.1306	336E	.1366		
134B	.3503	162D	-.1496	233B	.6053			335E	.2835		
133B	.6404			232B	.7804			334E	.4573		
132B	.3093			231B	.4646			333E	.7314		
131B	-.5226			230B	-1.7138			332E	.5344		
129B	-1.3955			215B	-3.8114			331E	-.7005		
115B	-1.1274			216B	-2.3363			314E	-3.2949		
116B	-.9266			217B	-2.9686			315E	-2.3192		
117B	-1.9604			218B	-2.8746			316E	-2.1056		
118B	-2.4986			219B	-2.5926			317E	-2.1654		
119B	-2.6012			220B	-3.0796			318E	-1.9775		
120B	-2.4047			222B	-1.4565			319E	-2.2423		
121B	-1.6430			223B	-1.3481			320E	-1.4050		
122B	-1.3046			224B	-1.2722			321E	-1.0762		
123B	-1.1493			225B	-1.2063			322E	-.9342		
124B	-1.0700			226B	-1.3426			323E	-.8473		
125B	-1.0343			227B	-1.3102			324E	-.7029		
126B	-1.0130			228B	-1.4208			325E	-.6307		
127B	-1.0410			229B	-1.7346			326E	-.5193		

TABLE 291 .- TABULATED PRESSURE DATA FOR RUN 25 AT ALPHA = 8.398 DEGREES AND QINF = 2.90 KN/SQM ( 60.47 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.1396	129B	-1.1120	214A	-.2362	255C	.5293	313A	-.4609	327E	-.4584
113A	-.2570	129B	-1.4397	213A	-.3791	254C	.7231	312A	-.4670	328E	-.4011
112A	-.3334	157C	.5211	212A	-.3913	253C	.7859	311A	-.4340	329E	-.3791
111A	-.2707	156C	.6330	211A	-.3412	252C	.9514	310A	-.3084	330E	-.3656
110A	-.1550	155C	.7886	210A	-.0527	251C	.8542	309A	-.1635		
109A	.0496	154C	.8624	209A	.1519	243C	-1.7204	308A	.1093		
108A	.4076	153C	.9497	208A	.6374	244C	-2.9810	301A	.5099		
101A	.6975	152C	-.0458	201A	.3735	245C	-3.1953	302A	.6122		
102A	.3991	144C	-2.7333	202A	-.4448	246C	-2.5776	303A	-.1976		
103A	-.2146	145C	-3.5761	203A	-.8710	247C	-1.7930	304A	-.5812		
104A	-.3408	146C	-3.4981	204A	-.9989	248C	-1.1889	305A	-.6749		
105A	-.8028	147C	-2.1741	206A	-1.1353	249C	-.7487	307A	-1.2631		
106A	-.9903	148C	-1.5055	207A	-1.6297	250C	-.5570	345E	.1545		
107A	-1.1779	149C	-.9973	242B	.7040	264D	.2726	344E	.2180		
142B	.5156	150C	-.6585	241B	.6740	263D	.6904	343E	.2241		
141B	.6248	151C	-.5258	240B	.5102	262D	.7996	342E	.2168		
140B	.6003	166D	.2836	239B	.5184	261D	.8678	341E	.1704		
139B	.5948	165D	.7231	238B	.4938	256D	-.7198	340E	.1276		
138B	.5730	164D	.8569	237B	.4475	257D	-1.6749	339E	.1618		
137B	.5757	159D	-.4445	235B	.4329	258D	-.9049	338E	.1337		
136B	.5293	160D	-.9360	235B	.4666	259D	-.4345	337E	.1057		
135B	.3846	161D	-.0544	234B	.5758	260D	-.1358	336E	.2204		
134B	.4474	162D	-.1458	233B	.6869			335E	.3718		
133B	.6494			232B	.7870			334E	.5245		
132B	.7013			231B	.5052			333E	.7272		
131B	.0024			230B	-1.4939			332E	.5990		
130B	-1.5293			215B	-3.6895			331E	-.3327		
115B	-1.7995			216B	-3.1640			314E	-3.6025		
116B	-1.4421			217B	-4.1614			315E	-2.9850		
117B	-2.9755			218B	-3.9994			316E	-2.9850		
118B	-3.5928			219B	-3.3516			317E	-2.9594		
119B	-3.4368			220B	-3.9397			318E	-2.5332		
120B	-3.0191			222B	-1.7573			319E	-2.7549		
121B	-2.0103			223B	-1.5645			320E	-1.6808		
122B	-1.5233			224B	-1.4709			321E	-1.2765		
123B	-1.3071			225B	-1.3450			322E	-1.0921		
124B	-1.1856			226B	-1.4520			323E	-.9432		
125B	-1.0998			227B	-1.3907			324E	-.7515		
126B	-1.0430			228B	-1.4664			325E	-.6379		
127B	-1.0474			229B	-1.7105			326E	-.5341		



TABLE 292 .- TABULATED PRESSURE DATA FOR RUN 25 AT ALPHA = 12.462 DEGREES AND QINF = 2.89 KN/SQM ( 60.38 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.2687	129R	-1.0596	214A	.2705	255C	.5230	313A	-.2358	327E	-.6516
113A	-.1305	129B	-1.3320	213A	-.1807	254C	.7007	312A	-.2810	328E	-.6124
112A	-.2180	157C	.5339	212A	-.2443	253C	.7746	311A	-.2272	329E	-.5709
111A	-.1305	156C	.6406	211A	-.1220	252C	.8429	310A	.0651	330E	-.5342
110A	.1761	155C	.7773	210A	.3469	251C	.8457	309A	.2786		
109A	.4493	154C	.6593	209A	.6286	243C	-1.5716	308A	.5774		
108A	.6798	153C	.9332	208A	.7311	244C	-2.5714	301A	.7054		
101A	.4920	152C	.0199	201A	.5091	245C	-2.8724	302A	-.3020		
102A	-.4301	144C	-2.5204	202A	-1.6985	246C	-2.2450	303A	-1.4119		
103A	-1.1814	145C	-3.3088	203A	-2.3425	247C	-1.4882	304A	-1.5229		
104A	-1.6253	146C	-3.2597	204A	-2.0949	248C	-.9112	305A	-1.3350		
105A	-1.6339	147C	-2.0240	206A	-1.8644	249C	-.5774	307A	-1.7875		
106A	-1.6595	148C	-1.3465	207A	-2.3254	250C	-.4736	345E	.0920		
107A	-1.7619	149C	-.8821	242B	.7007	264D	.2441	344E	.1678		
142B	.5339	150C	-.5741	241B	.7144	263D	.6816	343E	.1800		
141B	.6351	151C	-.4569	240B	.5421	262D	.7773	342E	.1849		
140B	.6187	166D	.3207	239B	.5394	261D	.8402	341E	.1482		
139B	.6187	165D	.7226	238B	.5339	256D	-.6790	340E	.1103		
138B	.6050	164D	.8457	237B	.5041	257D	-1.6311	339E	.1971		
137B	.6132	159D	-.4044	236B	.5151	258D	-.9659	338E	.1788		
136B	.5695	160D	-.8542	235B	.5665	259D	-.4915	337E	.1507		
135B	.4710	161D	.0075	234B	.6496	260D	-.2247	336E	.2852		
134B	.5476	162D	-.1164	233B	.7352			335E	.4381		
133B	.6953			232B	.7695			334E	.5738		
132B	.7117			231B	.4784			333E	.7193		
131B	.2468			230B	-1.3596			332E	.5848		
130B	-1.2626			215B	-3.8544			331E	-.2443		
115B	-1.7630			216B	-4.1354			314E	-3.6673		
116B	-1.8985			217B	-5.4416			315E	-3.4865		
117B	-3.9049			218B	-5.0147			316E	-3.8707		
118B	-4.6562			219B	-4.2378			317E	-3.6658		
119B	-4.2976			220B	-4.6562			318E	-3.1535		
120B	-3.5463			222B	-2.0274			319E	-3.2304		
121B	-2.3756			223B	-1.7773			320E	-1.8985		
122B	-1.7305			224B	-1.6222			321E	-1.3841		
123B	-1.4403			225B	-1.4603			322E	-1.1456		
124B	-1.2728			226B	-1.5139			323E	-.9915		
125B	-1.1422			227B	-1.3923			324E	-.8375		
126B	-1.0406			228B	-1.4101			325E	-.7861		
127B	-1.0239			229B	-1.5206			326E	-.7103		

TABLE 293. - TABULATED PRESSURE DATA FOR RUN 25 AT ALPHA = 16.489 DEGREES AND QINF = 2.89 KN/SQM ( 60.38 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.3611	128B	-.7186	214A	.5623	255C	.5307	313A	.0975	327E	-.7720
113A	.0084	129B	-.8269	213A	.0682	254C	.7248	312A	-.1067	328E	-.6607
112A	-.1502	157C	.4760	212A	-.1361	253C	.7850	311A	-.0492	329E	-.6350
111A	-.0217	156C	.5908	211A	-.0052	252C	.8506	310A	.3378	330E	-.5726
110A	.3122	155C	.7440	210A	.5683	251C	.8588	309A	.5683		
109A	.5769	154C	.8205	209A	.7476	243C	-1.1866	308A	.6964		
108A	.7049	153C	.9135	208A	.3463	244C	-2.2010	301A	.4061		
101A	.2439	152C	-.0326	201A	-.5160	245C	-2.4041	302A	-1.8564		
102A	-1.0453	144C	-1.5558	202A	-3.6067	246C	-1.8360	303A	-3.0261		
103A	-1.5003	145C	-2.1229	203A	-3.5725	247C	-1.1372	304A	-2.5138		
104A	-1.9418	146C	-2.1441	204A	-3.0688	248C	-.7287	305A	-2.2321		
105A	-1.7540	147C	-1.2343	206A	-2.4284	249C	-.5400	307A	-2.3260		
106A	-1.8137	148C	-.8827	207A	-2.8212	250C	-.4898	345E	.0877		
107A	-1.7881	149C	-.6539	242B	.7248	264D	.2518	344E	.1782		
142B	.5799	150C	-.5836	241B	.7440	263D	.6865	343E	.1868		
141B	.6483	151C	-.5512	240B	.5635	262D	.7877	342E	.1917		
140B	.6264	166D	.0795	239B	.5635	261D	.8506	341E	.1660		
139B	.6291	165D	.6701	238B	.5471	256D	-.6974	340E	.1036		
138B	.6127	164D	.8178	237B	.5305	257D	-1.6886	339E	.2272		
137B	.6291	159D	-.3793	236B	.5476	258D	-1.0044	338E	.2211		
136B	.6045	160D	-1.0847	235B	.6002	259D	-.4976	337E	.1917		
135B	.5033	161D	-.0254	234B	.6833	260D	-.2252	336E	.3531		
134B	.5717	162D	-.4161	233B	.7555			335E	.5011		
133B	.7057			232B	.7481			334E	.6197		
132B	.7002			231B	.4607			333E	.7078		
131B	.3201			230B	-1.2734			332E	.5464		
130B	-.9842			215B	-3.9443			331E	-.2290		
115B	-1.5229			216B	-4.7166			314E	-3.7169		
116B	-1.8650			217B	-6.1253			315E	-4.0933		
117B	-3.8628			218B	-5.6216			316E	-4.6312		
118B	-4.3836			219B	-4.8617			317E	-4.4007		
119B	-3.9738			220B	-4.9642			318E	-3.7518		
120B	-3.1371			222B	-2.1072			319E	-3.6067		
121B	-1.9945			223B	-1.8293			320E	-2.1467		
122B	-1.4364			224B	-1.6328			321E	-1.5437		
123B	-1.1718			225B	-1.4252			322E	-1.3199		
124B	-1.0200			226B	-1.4185			323E	-1.2220		
125B	-.8593			227B	-1.2633			324E	-1.0753		
126B	-.7376			228B	-1.2276			325E	-.9567		
127B	-.7276			229B	-1.2332			326E	-.9004		



WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.6001	128B	-.8309	214A	.5985	255C	.4774	313A	.3508	327E	-.8718
113A	.5701	129B	-.9367	213A	.4082	254C	.6820	312A	.1556	328E	-.8230
112A	-.0247	157C	.4419	212A	.2081	253C	.7557	311A	.1922	329E	-.7949
111A	.1254	156C	.5783	211A	.2654	252C	.8075	310A	.5242	330E	-.7644
110A	.6264	155C	.7448	210A	.7201	251C	.8239	309A	.6690		
109A	.7031	154C	.8348	209A	.6945	243C	-.8322	308A	.5668		
108A	.3197	153C	.9057	208A	-.4470	244C	-1.5515	301A	-.1318		
101A	-1.0773	152C	.0217	201A	-2.3977	245C	-1.7174	302A	-3.2070		
102A	-2.9174	144C	-1.7108	202A	-5.1237	246C	-1.3844	303A	-3.7863		
103A	-3.4285	145C	-2.4447	203A	-4.5359	247C	-.9946	304A	-3.1388		
104A	-3.3774	146C	-2.3467	204A	-3.7096	248C	-.8197	305A	-2.1336		
105A	-2.9174	147C	-1.4891	206A	-2.7981	249C	-.7719	307A	-2.2103		
106A	-2.4914	148C	-1.1650	207A	-2.4999	250C	-.7719	345E	.0263		
107A	-2.3722	149C	-.9300	242B	.7011	264D	.0763	344E	.1275		
142B	.5619	150C	-.8298	241B	.7366	263D	.6383	343E	.1520		
141B	.6629	151C	-.8142	240B	.5565	262D	.7611	342E	.1642		
140B	.6329	166D	.0599	239B	.5619	261D	.8211	341E	.1434		
139B	.6274	165D	.6547	238B	.5483	256D	-.9979	340E	.1080		
138B	.6192	164D	.8157	237B	.5424	257D	-2.1885	339E	.2825		
137B	.6493	159D	-.3219	236B	.5705	258D	-1.3955	338E	.2996		
136B	.6356	160D	-1.4301	235B	.6339	259D	-.8175	337E	.2301		
135B	.5783	161D	.0156	234B	.7096	260D	-.5513	336E	.3875		
134B	.6547	162D	-.6115	233B	.7730			335E	.5339		
133B	.7420			232B	.7438			334E	.6315		
132B	.6929			231B	.5302			333E	.6925		
131B	.4146			230B	-.8718			332E	.5571		
130B	-.6167			215B	-3.1280			331E	-.0433		
115B	-1.3943			216B	-4.0589			314E	-2.8937		
116B	-2.3211			217B	-4.9107			315E	-3.2666		
117B	-4.7148			218B	-4.2633			316E	-3.8800		
118B	-5.1407			219B	-3.1900			317E	-3.5137		
119B	-4.6211			220B	-2.9259			318E	-2.6277		
120B	-3.4066			222B	-1.7564			319E	-2.0314		
121B	-2.0827			223B	-1.3410			320E	-1.3414		
122B	-1.3532			224B	-.9979			321E	-1.1598		
123B	-1.0525			225B	-.9311			322E	-1.0890		
124B	-.8454			226B	-.8621			323E	-1.0195		
125B	-.7752			227B	-.8197			324E	-.9670		
126B	-.7808			228B	-.7975			325E	-.9560		
127B	-.7863			229B	-.7919			32			

TABLE 296 .- TABULATED PRESSURE DATA FOR RUN 25 AT ALPHA = 28.547 DEGREES AND QINF = 2.90 KN/SQM ( 60.63 LB/SQFT )

*****												
WING STATION A				WING STATION B				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
114A	.5480	128B	-.8328	214A	.5872	255C	.4827	313A	.4313	327E	-.9058	
113A	.7305	129B	-.8840	213A	.5823	254C	.7005	312A	.3205	328E	-.8790	
112A	.0633	157C	.4364	212A	.4082	253C	.7686	311A	.3412	329E	-.8546	
111A	.2376	156C	.5725	211A	.4192	252C	.8258	310A	.6430	330E	-.8291	
110A	.7195	155C	.7468	210A	.7620	251C	.8503	309A	.7280			
109A	.6515	154C	.8285	209A	.5664	243C	-.7807	308A	.3709			
108A	-.0457	153C	.9020	208A	-1.2614	244C	-1.5820	301A	-.7343			
101A	-1.9330	152C	.0334	201A	-3.4463	245C	-1.7676	302A	-4.5770			
102A	-4.1179	144C	-1.5976	202A	-6.4813	246C	-1.4242	303A	-4.7130			
103A	-4.3389	145C	-2.3234	203A	-5.6227	247C	-1.0518	304A	-3.6928			
104A	-4.1264	146C	-2.2333	204A	-3.4973	248C	-.8606	305A	-2.4006			
105A	-3.0127	147C	-1.4153	206A	-2.5621	249C	-.8128	307A	-2.2646			
106A	-2.7832	148C	-1.1307	207A	-2.6046	250C	-.8073	345E	.0039			
107A	-2.5451	149C	-.9573	242B	.7114	264D	.0933	344E	.1184			
142B	.5725	150C	-.8895	241B	.7795	263D	.6597	343E	.1415			
141B	.6760	151C	-.8929	240B	.5861	262D	.7849	342E	.1573			
140B	.6379	166D	.0171	239B	.5869	261D	.8366	341E	.1378			
139B	.6406	165D	.6542	238B	.5780	256D	-1.0763	340E	.1208			
138B	.6324	164D	.8094	237B	.5702	257D	-2.3245	339E	.3047			
137B	.6569	159D	-.3149	236B	.6055	258D	-1.4675	338E	.3327			
136B	.6569	160D	-1.5375	235B	.6639	259D	-.8506	337E	.3193			
135B	.6243	161D	.0286	234B	.7346	260D	-.5672	336E	.4192			
134B	.6978	162D	-.7184	233B	.7747			335E	.5568			
133B	.7604			232B	.7248			334E	.6457			
132B	.7087			231B	.5117			333E	.6834			
131B	.4691			230B	-.7280			332E	.5470			
130B	-.4023			215B	-3.0673			331E	.0319			
115B	-1.3417			216B	-4.0414			314E	-2.7507			
116B	-2.4601			217B	-5.0021			315E	-3.2167			
117B	-4.8830			218B	-4.2539			316E	-3.7183			
118B	-5.2231			219B	-2.8257			317E	-3.2763			
119B	-4.6365			220B	-2.7832			318E	-2.2136			
120B	-3.2933			222B	-1.0763			319E	-1.4824			
121B	-1.9154			223B	-1.0040			320E	-1.0573			
122B	-1.1807			224B	-.9785			321E	-1.0385			
123B	-.8551			225B	-.9584			322E	-.9861			
124B	-.7673			226B	-.9216			323E	-.9411			
125B	-.7384			227B	-.8440			324E	-.9155			
126B	-.7828			228B	-.8173			325E	-.9082			
127B	-.7939			229B	-.8340			326E	-.8997			
*****												

TABLE 297.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 25

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.859	-.11240	.69588	.30027	.07163	-.11895	.52243	.40135	.11688	-.13927	.14656
.213	-.06999	1.19640	.34681	.07954	-.07735	1.31036	.46482	.14202	-.11005	.68586
4.399	-.03238	1.52249	.33419	.07839	-.03508	1.78508	.47094	.13976	-.08884	1.09267
8.398	.03654	1.78377	.31444	.07685	.09692	2.12295	.46170	.13993	.01417	1.31279
12.462	.16240	2.00904	.29550	.07364	.27562	2.40758	.40892	.14530	.15204	1.53708
16.489	.20831	1.77700	.23718	.08719	.42483	2.49800	.36561	.14812	.32128	1.78710
20.514	.29667	1.81905	.25339	.08999	.54460	2.39960	.39004	.17783	.32153	1.52174
24.543	.39303	1.86511	.27713	.10265	.53890	1.88102	.34105	.18303	.39407	1.53138
28.547	.46677	1.82719	.27702	.10918	.56563	1.79080	.35279	.19112	.47646	1.44723

TABLE 298.- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 25

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.859	-.01467	-.03428	-.05221	-.00221	.00074	-.01310	-.05078	-.01671	-.01512	-.04107
.213	-.00077	-.05746	-.05591	-.00217	.00238	-.06690	-.04291	-.01935	-.00826	-.08236
4.399	.02401	-.10748	-.05366	-.00193	.03020	-.14782	-.04736	-.01785	.00426	-.15039
8.398	.05215	-.16590	-.05064	-.00151	.04508	-.19842	-.04874	-.01687	.04017	-.19163
12.462	.06501	-.21284	-.04766	-.00133	.04834	-.25528	-.04588	-.01590	.05017	-.22110
16.469	.05792	-.21728	-.02802	-.00133	.02186	-.29772	-.03491	-.01648	.04427	-.25464
20.514	.04964	-.22967	-.02808	-.00102	-.01279	-.32214	-.02364	-.02109	.02971	-.13707
24.543	.02983	-.25568	-.02784	-.00141	-.03451	-.24245	-.01283	-.02008	.01626	-.18086
28.547	.00152	-.26097	-.02477	-.00147	-.08408	-.23906	-.01183	-.02137	-.00732	-.16415

TABLE 299.- PITCHING-MOMENT COEFFICIENT FOR RUN 25

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.859	.00695	-.38000	-.01931	-.00309	.00793	-.28465	-.03531	-.00521	.01023	-.11377
.213	.00330	-.54664	-.02181	-.00334	.00411	-.55565	-.03909	-.00610	.00705	-.28164
4.399	.00034	-.61787	-.02108	-.00331	.00108	-.66151	-.03893	-.00613	.00484	-.35611
8.398	-.00398	-.67131	-.01982	-.00330	-.00765	-.74590	-.03798	-.00624	-.00254	-.41105
12.462	-.01208	-.71526	-.01859	-.00321	-.01996	-.80495	-.03326	-.00670	-.01152	-.48564
16.489	-.01454	-.61225	-.01625	-.00396	-.02962	-.80129	-.03048	-.00680	-.02269	-.56623
20.514	-.01978	-.62275	-.01751	-.00410	-.03652	-.73533	-.03445	-.00819	-.02205	-.58027
24.543	-.02497	-.62107	-.01924	-.00476	-.03600	-.60311	-.03103	-.00864	-.02595	-.54144
28.547	-.02839	-.60830	-.01958	-.00513	-.03563	-.59056	-.03215	-.00898	-.03023	-.53069



TABLE 300.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 25 OF TEST 218

MACH	Q,KPA (PSF)	ALPHA,DEG	CL	CD	CPM	CRM	CYM	CSF
.203	2.89 (60.28)	-5.92	.1829	.1728	-.3006	.0039	.0033	-.0133
.203	2.89 (60.29)	-3.86	.6436	.1587	-.4120	.0037	.0022	-.0051
.203	2.89 (60.39)	-1.77	1.0578	.1641	-.5124	.0075	.0016	-.0041
.203	2.88 (60.25)	.21	1.4258	.1836	-.5448	.0004	.0019	.0004
.203	2.88 (60.23)	2.26	1.6656	.2013	-.5262	.0006	.0023	-.0021
.203	2.89 (60.28)	4.40	1.8651	.2256	-.4936	.0003	.0024	.0007
.203	2.90 (60.53)	6.36	2.0509	.2479	-.4657	.0011	.0018	.0046
.203	2.89 (60.42)	8.40	2.2294	.2760	-.4197	.0005	.0024	.0027
.203	2.89 (60.36)	10.47	2.3969	.3034	-.3762	-.0012	.0013	.0010
.203	2.89 (60.33)	12.46	2.5785	.3407	-.3330	-.0008	.0027	.0043
.203	2.88 (60.15)	14.46	2.6804	.3736	-.2829	-.0044	.0007	.0130
.203	2.89 (60.32)	16.49	2.6664	.4252	-.2508	-.0164	-.0015	.0270
.203	2.89 (60.35)	18.53	2.5819	.4898	-.2310	-.0087	.0009	.0017
.203	2.90 (60.52)	20.51	2.5478	.5709	-.1663	-.0196	-.0072	.0100
.203	2.89 (60.36)	22.52	2.5819	.6331	-.1184	-.0215	-.0094	.0072
.203	2.89 (60.46)	24.54	2.3434	.6979	.0363	-.0114	-.0064	.0016
.204	2.91 (60.84)	26.55	2.3061	.7716	.0736	-.0086	-.0044	.0009
.204	2.90 (60.58)	28.55	2.3163	.8492	.1117	-.0081	-.0034	.0051

TABLE 30) .- TABULATED PRESSURE DATA FOR RUN 34 AT ALPHA = -3.938 DEGREES AND QINF = 2.89 KN/SQM ( 60.39 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.4504	128B	-.9244	214A	-.3971	255C	.5393	313A	-.6600	328E	-.2480
113A	-.4504	129B	-1.4344	213A	-.3837	254C	.6459	312A	-.6551	329E	-.1391
112A	-.5898	157C	.4846	212A	-.3641	253C	.6514	311A	-.6637	330E	-.0633
111A	-.4750	156C	.6022	211A	-.3788	252C	.5656	310A	-.7629		
110A	-.5665	155C	.6842	210A	-.4129	251C	.2030	309A	-.7287		
109A	-.5751	154C	.7170	209A	-.4044	243C	-2.5281	308A	-.7202		
108A	-.5751	153C	.6732	208A	-.4214	244C	-2.3171	301A	-.7372		
101A	-.4982	152C	-.1168	201A	-.6092	245C	-2.7713	302A	-.2678		
102A	.3553	144C	-3.3264	202A	.5602	246C	-2.1731	303A	.6541		
103A	.7309	145C	-3.5212	203A	.7394	247C	-1.6252	304A	.7309		
104A	.4968	146C	-3.3862	204A	.6370	248C	-1.1554	305A	.5943		
105A	.3175	147C	-2.2222	206A	.3041	249C	-.7793	307A	.0310		
106A	.3383	148C	-1.5716	207A	-.0629	250C	-.6097	345E	.1910		
107A	-.0117	149C	-1.0594	242B	.3971	264D	.3507	344E	.1885		
142B	.3944	150C	-.7201	241B	.4655	263D	.6459	343E	.1629		
141B	.4491	151C	-.5739	240B	.2768	262D	.7197	342E	.1323		
140B	.3780	166D	.2850	239B	.1812	261D	.6459	341E	.0736		
139B	.3288	165D	.6842	238B	.0171	256D	-.8953	340E	-.0083		
138B	.3042	164D	.7717	237B	-.1746	257D	-1.4790	339E	-.1074		
137B	1.1380	159D	.2709	236B	-.3507	258D	-.7279	338E	-.1819		
136B	.3067	160D	-.8418	235B	-.3519	259D	-.3162	336E	-.5634		
135B	-.1742	161D	-.1197	234B	-.4595	260D	-.0204	335E	-.7444		
134B	-.3957	162D	-.1209	233B	-.4277			334E	-.7859		
133B	-.4613			232B	-.4093			333E	-.7419		
132B	-.5050			231B	-.4167			332E	-.7248		
131B	-.5023			230B	-.4229			331E	-.7236		
130B	-.5132			215B	-.4387			314E	-.7126		
115B	-.5214			216B	-.5068			315E	-.7116		
116B	-.6177			217B	-.6434			316E	-.7629		
117B	.3041			218B	-.7372			317E	-.1508		
118B	-.7543			219B	-.8653			318E	-.5153		
119B	-1.1470			220B	-1.0701			319E	-.4300		
120B	-1.1640			222B	-.6610			320E	-.4897		
121B	-.7536			223B	-.6733			321E	-.4118		
122B	-.6576			224B	-.6800			322E	-.4314		
123B	-.6342			225B	-.7134			323E	-.4179		
124B	-.6509			226B	-.8965			324E	-.4008		
125B	-.6945			227B	-.9210			325E	-.4314		
126B	-.7369			228B	-1.0717			326E	-.4142		
127B	-.7949			229B	-1.4745			327E	-.3470		

TABLE 302 .- TABULATED PRESSURE DATA FOR RUN 34 AT ALPHA = .296 DEGREES AND QINF = 2.89 KN/SQM ( 60.30 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	-.1867	128B	-1.1135	214A	-.2716	255C	.4923	313A	-.4846	328E	-.2765
113A	-.1648	129B	-1.6153	213A	-.3144	254C	.7031	312A	-.6071	329E	-.2079
112A	-.3071	157C	.4923	212A	-.3499	253C	.7633	311A	-.5850	330E	-.1687
111A	-.3181	156C	.6073	211A	-.3242	252C	.8318	310A	-.6455		
110A	-.4489	155C	.7668	210A	-.5515	251C	.8290	309A	-.6626		
109A	-.4233	154C	.8537	209A	-.5344	243C	-1.6678	308A	-.7053		
108A	-.5942	153C	.9495	208A	-.5686	244C	-2.1495	301A	-.7994		
101A	.0640	152C	-.1128	201A	-.3036	245C	-3.1766	302A	.3632		
102A	.6880	144C	-3.1325	202A	.7478	246C	-2.5384	303A	.7564		
103A	.7135	145C	-3.9779	203A	.5598	247C	-1.8388	304A	.5341		
104A	.4743	146C	-3.8617	204A	.3461	248C	-1.2789	305A	.3461		
105A	.2264	147C	-2.4691	206A	-.1155	249C	-.8889	307A	-.2865		
106A	-.0044	148C	-1.7707	207A	-.5173	250C	-.6589	345E	.2194		
107A	-.3292	149C	-1.1884	242B	.6675	264D	.2787	344E	.2659		
142B	.5635	150C	-.8140	241B	.5963	263D	.6839	343E	.2659		
141B	.5580	151C	-.6665	240B	.4567	262D	.7962	342E	.2561		
140B	.5361	166D	.2596	239B	.4457	261D	.8728	341E	.1925		
139B	.5416	165D	.7086	238B	.3992	256D	-.8353	340E	.1251		
138B	.5197	164D	.8564	237B	.3516	257D	-1.9081	339E	.0553		
137B	.9358	159D	.2309	236B	.3174	258D	-1.0197	338E	-.0157		
136B	.2733	160D	-1.0800	235B	.3614	259D	-.4642	336E	.1263		
135B	.2568	161D	-.1267	234B	.4692	260D	-.1200	335E	.3320		
134B	.4047	162D	-.1558	233B	.6186			334E	.4459		
133B	-.0662			232B	-.3450			333E	-.5703		
132B	-.4604			231B	-.6046			332E	-.8287		
131B	-.4823			230B	-1.1213			331E	-1.2891		
130B	-.5836			215B	-1.3846			314E	-1.4813		
115B	-.5617			216B	-1.1498			315E	-1.0900		
116B	-.5686			217B	-1.5858			316E	-1.0985		
117B	-1.0387			218B	-1.7567			317E	-1.2610		
118B	-1.6029			219B	-1.6798			318E	-1.2524		
119B	-1.8593			220B	-1.9875			319E	-1.3464		
120B	-1.7653			222B	-1.1261			320E	-1.0387		
121B	-1.2845			223B	-1.0688			321E	-.8422		
122B	-1.0342			224B	-1.0308			322E	-.7479		
123B	-.9493			225B	-1.0174			323E	-.6928		
124B	-.9258			226B	-1.1649			324E	-.5985		
125B	-.9336			227B	-1.1772			325E	-.5691		
126B	-.9381			228B	-1.3046			326E	-.5042		
127B	-1.0018			229B	-1.6522			327E	-.4038		



TABLE 304 .- TABULATED PRESSURE DATA FOR RUN 34 AT ALPHA = 8.364 DEGREES AND QINF = 2.89 KN/SQM ( 60.46 LB/SQFT )

*****												
WING STATION A				WING STATION R				WING STATION C				
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	
114A	-.1017	129B	-1.1048	214A	-.1706	255C	.5264	313A	-.4344	328E	-.3868	
113A	-.2491	129B	-1.4437	213A	-.3672	254C	.7312	312A	-.4381	329E	-.3684	
112A	-.3120	157C	.5291	212A	-.3721	253C	.7995	311A	-.3880	330E	-.3489	
111A	-.2655	156C	.6466	211A	-.3313	252C	.8677	310A	-.2235			
110A	-.1638	155C	.7967	210A	.0067	251C	.8677	309A	-.0871			
109A	.0408	154C	.8677	209A	.1858	243C	-1.6418	308A	.2284			
108A	.4330	153C	.9579	208A	.7059	244C	-2.1939	301A	.5865			
101A	.7229	152C	-.0389	201A	.5098	245C	-3.2506	302A	.5353			
102A	.4160	144C	-2.7069	202A	-.2917	246C	-2.5294	303A	-.3087			
103A	-.1467	145C	-3.5471	203A	-.9312	247C	-1.7391	304A	-.6839			
104A	-.6072	146C	-3.4535	204A	-.9908	248C	-1.1616	305A	-.6839			
105A	-.7777	147C	-2.1504	206A	-1.1784	249C	-.7313	307A	-1.3063			
106A	-.8885	148C	-1.4905	207A	-1.6047	250C	-.5452	345E	.1848			
107A	-1.1358	149C	-.9866	242B	.7148	264D	.2779	344E	.2556			
142B	.5455	150C	-.6622	241B	.6875	263D	.6957	343E	.2630			
141B	.6220	151C	-.5296	240B	.5237	262D	.7995	342E	.2593			
140B	.6083	166D	.2861	239B	.5264	261D	.8650	341E	.2043			
139B	.6111	165D	.7148	238B	.5018	256D	-.7090	340E	.1616			
138B	.5892	164D	.8541	237B	.4523	257D	-1.6443	339E	.1274			
137B	.6329	159D	.1794	236B	.4437	258D	-.8974	338E	.0932			
136B	.3981	160D	-.9376	235B	.4975	259D	-.4226	336E	.2715			
135B	.3871	161D	-.0737	234B	.5829	260D	-.1327	335E	.4107			
134B	.4554	162D	-.1327	233B	.6892			334E	.5500			
133B	.6520			232B	.7857			333E	.7405			
132B	.7012			231B	.5097			332E	.6025			
131B	.0267			230B	-1.4639			331E	-.3159			
130B	-1.5135			215B	-3.8565			314E	-3.6159			
115B	-1.8002			216B	-3.1309			315E	-3.0201			
116B	-1.3916			217B	-4.0944			316E	-3.1480			
117B	-2.9007			218B	-3.9409			317E	-3.0883			
118B	-3.5743			219B	-3.2929			318E	-2.6790			
119B	-3.4890			220B	-3.9153			319E	-2.9639			
120B	-2.9433			222B	-1.7425			320E	-1.7497			
121B	-1.9999			223B	-1.5640			321E	-1.3504			
122B	-1.5083			224B	-1.4537			322E	-1.1672			
123B	-1.2965			225B	-1.3489			323E	-1.0243			
124B	-1.1723			226B	-1.4314			324E	-.8191			
125B	-1.0903			227B	-1.3712			325E	-.7104			
126B	-1.0368			228B	-1.4503			326E	-.5761			
127B	-1.0390			229B	-1.6900			327E	-.4625			
*****												

TABLE 305.-- TABULATED PRESSURE DATA FOR RUN 34 AT ALPHA = 12.443 DEGREES AND QINF = 2.89 KN/SQM ( 60.33 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.2680	128B	-1.0380	* 214A	.2637	255C	.5307	* 313A	-.1672	328E	-.8660
* 113A	-.1206	129B	-1.2949	* 213A	-.1733	254C	.7195	* 312A	-.1990	329E	-.8256
* 112A	-.2082	157C	.5498	* 212A	-.2271	253C	.7907	* 311A	-.1782	330E	-.7216
* 111A	-.1097	156C	.6593	* 211A	-.1035	252C	.8536	* 310A	.1155		
* 110A	.1326	155C	.7989	* 210A	.3533	251C	.8563	* 309A	.3035		
* 109A	.4231	154C	.8728	* 209A	.6452	243C	-1.4972	* 308A	.6367		
* 108A	.6709	153C	.9439	* 208A	.6965	244C	-2.0032	* 301A	.7051		
* 101A	.5000	152C	.0381	* 201A	.5085	245C	-2.9572	* 302A	-.3459		
* 102A	-.4228	144C	-2.4851	* 202A	-1.9950	246C	-2.2344	* 303A	-1.4994		
* 103A	-1.1235	145C	-3.2554	* 203A	-2.3453	247C	-1.4390	* 304A	-1.4140		
* 104A	-1.5080	146C	-3.2029	* 204A	-2.0804	248C	-.8983	* 305A	-1.3114		
* 105A	-1.5250	147C	-1.9730	* 206A	-1.8939	249C	-.5632	* 307A	-1.6447		
* 106A	-1.6361	148C	-1.3597	* 207A	-2.3252	250C	-.4604	* 345E	.0495		
* 107A	-1.7472	149C	-.8503	* 242B	.7168	264D	.2515	* 344E	.1621		
* 142B	.5608	150C	-.5509	* 241B	.7277	263D	.6894	* 343E	.1792		
* 141B	.6429	151C	-.4481	* 240B	.5553	262D	.7907	* 342E	.1890		
* 140B	.6265	166D	.3200	* 239B	.5553	261D	.8454	* 341E	.1498		
* 139B	.6265	165D	.7250	* 238B	.5334	256D	-.5649	* 340E	.1217		
* 138B	.6128	164D	.8536	* 237B	.5146	257D	-1.6144	* 339E	.1094		
* 137B	.5854	159D	.1484	* 236B	.5194	258D	-.9531	* 338E	.1033		
* 136B	.4595	160D	-.8503	* 235B	.5696	259D	-.4805	* 336E	.3285		
* 135B	.4759	161D	.0000	* 234B	.6529	260D	-.2124	* 335E	.4717		
* 134B	.5361	162D	-.1186	* 233B	.7422			* 334E	.6027		
* 133B	.6867			* 232B	.7752			* 333E	.7422		
* 132B	.7058			* 231B	.4852			* 332E	.6125		
* 131B	.2543			* 230B	-1.3470			* 331E	-.1708		
* 130B	-1.2454			* 215B	-3.7973			* 314E	-3.4607		
* 115B	-1.7572			* 216B	-4.0029			* 315E	-3.3450		
* 116B	-1.8668			* 217B	-5.4384			* 316E	-3.6013		
* 117B	-3.8748			* 218B	-4.9585			* 317E	-3.4732		
* 118B	-4.5412			* 219B	-4.2422			* 318E	-2.9263		
* 119B	-4.3447			* 220B	-4.6865			* 319E	-2.9092		
* 120B	-3.5501			* 222B	-1.9998			* 320E	-1.6105		
* 121B	-2.3305			* 223B	-1.7462			* 321E	-1.1206		
* 122B	-1.7049			* 224E	-1.5965			* 322E	-1.0178		
* 123B	-1.4189			* 225B	-1.4323			* 323E	-.9749		
* 124B	-1.2469			* 226B	-1.4803			* 324E	-.9223		
* 125B	-1.1128			* 227B	-1.3608			* 325E	-.8978		
* 126B	-1.0179			* 228B	-1.3765			* 326E	-.8709		
* 127B	-1.0067			* 229B	-1.4703			* 327E	-.9101		

TABLE 306.- TABULATED PRESSURE DATA FOR RUN 34 AT ALPHA = 16.458 DEGREES AND QINF = 2.89 KN/SQM ( 60.34 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.3578	129B	-.7288	214A	.5630	255C	.5384	313A	.1763	328E	-.9324
113A	.0295	129B	-.7824	213A	.0160	254C	.7409	312A	-.0109	329E	-.8504
112A	-.1457	157C	.5028	212A	-.1259	253C	.7983	311A	.0380	330E	-.8308
111A	-.0171	156C	.6095	211A	.0001	252C	.8640	310A	.4055		
110A	.3116	155C	.7710	210A	.5849	251C	.8749	309A	.6276		
109A	.5849	154C	.8394	209A	.7729	243C	-1.0705	308A	.7302		
108A	.7302	153C	.9215	208A	.3201	244C	-1.5956	301A	.4482		
101A	.2518	152C	-.0472	201A	-.2608	245C	-2.2992	302A	-1.7473		
102A	-.8076	144C	-1.3085	202A	-3.5755	246C	-1.6972	303A	-2.9519		
103A	-1.6106	145C	-2.1272	203A	-3.5072	247C	-1.0974	304A	-2.3624		
104A	-1.8755	146C	-1.7877	204A	-3.0544	248C	-.6841	305A	-2.0463		
105A	-1.7559	147C	-1.1890	206A	-2.2941	249C	-.5177	307A	-2.1574		
106A	-1.7388	148C	-.9098	207A	-2.7212	250C	-.4764	345E	.0454		
107A	-1.7473	149C	-.6942	242B	.7327	264D	.2566	344E	.1629		
142B	.6013	150C	-.5959	241B	.7491	263D	.6944	343E	.1873		
141B	.6560	151C	-.5646	240B	.5630	262D	.8011	342E	.1971		
140B	.6424	166D	.1006	239B	.5685	261D	.8585	341E	.1567		
139B	.6396	165D	.6779	238B	.5575	256D	-.6707	340E	.1298		
138B	.6150	164C	.8312	237B	.5324	257D	-1.6749	339E	.1396		
137B	.5657	159D	.1089	236B	.5459	258D	-1.0203	338E	.1445		
136B	.4590	160D	-1.0606	235B	.6058	259D	-.4931	336E	.3892		
135B	.4864	161D	-.0263	234B	.6854	260D	-.2307	335E	.5275		
134B	.5657	162D	-.4016	233B	.7576			334E	.6548		
133B	.7026			232B	.7588			333E	.7429		
132B	.7053			231B	.4761			332E	.5973		
131B	.3386			230B	-1.2346			331E	-.1174		
130B	-.9775			215B	-3.8619			314E	-3.4251		
115B	-1.5247			216B	-4.5153			315E	-3.6951		
116B	-1.8157			217B	-5.9163			316E	-4.2163		
117B	-3.7372			218B	-5.4465			317E	-3.9258		
118B	-4.2334			219B	-4.7630			318E	-3.1911		
119B	-3.9600			220B	-4.9168			319E	-2.8408		
120B	-3.0288			222B	-2.0367			320E	-1.5765		
121B	-1.9653			223B	-1.7475			321E	-1.0988		
122B	-1.4236			224B	-1.5621			322E	-1.0266		
123B	-1.1510			225B	-1.3644			323E	-.9605		
124B	-.9947			226B	-1.3454			324E	-.9299		
125B	-.8495			227B	-1.1689			325E	-.9091		
126B	-.7210			228B	-1.0496			326E	-.9397		
127B	-.7266			229B	-1.1253			327E	-.9752		

TABLE 307.- TABULATED PRESSURE DATA FOR RUN 34 AT ALPHA = 20.468 DEGREES AND QINF = 2.90 KN/SQM ( 60.63 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
* 114A	.5667	128B	-.7728	* 214A	.5871	255C	.4878	* 313A	.3472	328E	-.9096
* 113A	.1828	129B	-.8451	* 213A	.2266	254C	.7029	* 312A	.1718	329E	-.8975
* 112A	-.1304	157C	.4878	* 212A	.0281	253C	.7519	* 311A	.2242	330E	-.8548
* 111A	.0820	156C	.6130	* 211A	.1085	252C	.8145	* 310A	.5688		
* 110A	.4923	155C	.7710	* 210A	.6793	251C	.8363	* 309A	.7219		
* 109A	.7133	154C	.8416	* 209A	.7814	243C	-.9119	* 308A	.6453		
* 108A	.6028	153C	.9126	* 208A	-.0264	244C	-1.3742	* 301A	.0927		
* 101A	-.2729	152C	.0112	* 201A	-1.1912	245C	-1.9444	* 302A	-2.7216		
* 102A	-1.7183	144C	-1.6608	* 202A	-4.5496	246C	-1.5109	* 303A	-3.4018		
* 103A	-2.3900	145C	-2.3257	* 203A	-4.0224	247C	-1.0529	* 304A	-2.7216		
* 104A	-2.5175	146C	-2.2746	* 204A	-3.7079	248C	-.8462	* 305A	-2.0669		
* 105A	-2.2625	147C	-1.3342	* 206A	-2.5260	249C	-.7183	* 307A	-1.9904		
* 106A	-2.1519	148C	-.9295	* 207A	-2.8406	250C	-.7106	* 345E	.0464		
* 107A	-2.0414	149C	-.7617	* 242B	.7165	264D	.1283	* 344E	.1657		
* 142B	.5994	150C	-.6416	* 241B	.7247	263D	.6566	* 343E	.1877		
* 141B	.6511	151C	-.6383	* 240B	.5449	262D	.7628	* 342E	.1986		
* 140B	.6348	166D	.1256	* 239B	.5667	261D	.8254	* 341E	.1670		
* 139B	.6430	165D	.6920	* 238B	.5531	256D	-.9540	* 340E	.1463		
* 138B	.6321	164D	.8390	* 237B	.5335	257D	-2.1623	* 339E	.1621		
* 137E	.5776	159D	.0642	* 236B	.5640	258D	-1.3475	* 338E	.1767		
* 136B	.5014	160D	-1.1708	* 235B	.6249	259D	-.7761	* 336E	.4142		
* 135B	.5422	161D	-.0956	* 234B	.7053	260D	-.4827	* 335E	.5482		
* 134B	.6185	162D	-.4371	* 233B	.7698			* 334E	.6517		
* 133B	.7247			* 232B	.7576			* 333E	.7272		
* 132B	.7029			* 231B	.4982			* 332E	.5957		
* 131B	.3761			* 230B	-1.0205			* 331E	-.0060		
* 130B	-.7765			* 215B	-3.6742			* 314E	-2.7096		
* 115B	-1.4538			* 216B	-4.5751			* 315E	-3.1637		
* 116B	-2.0754			* 217B	-5.9780			* 316E	-3.7589		
* 117B	-4.1075			* 218B	-5.2043			* 317E	-3.3337		
* 118B	-4.6091			* 219B	-4.3115			* 318E	-2.5090		
* 119B	-4.2010			* 220B	-4.3540			* 319E	-1.9904		
* 120B	-3.1297			* 222B	-1.7532			* 320E	-1.2507		
* 121B	-1.9967			* 223B	-1.4398			* 321E	-1.2092		
* 122B	-1.3753			* 224B	-1.2597			* 322E	-1.1910		
* 123B	-1.1263			* 225B	-1.0329			* 323E	-1.0765		
* 124B	-.9662			* 226B	-.9896			* 324E	-.9876		
* 125B	-.8462			* 227B	-.8628			* 325E	-1.0058		
* 126B	-.7395			* 228B	-.8517			* 326E	-.9681		
* 127B	-.7295			* 229B	-.8762			* 327E	-.9644		



TABLE 303.- TABULATED PRESSURE DATA FOR RUN 34 AT ALPHA = 24.498 DEGREES AND QINF = 2.90 KN/SQM ( 60.49 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.6081	123B	-.8583	214A	.6008	255C	.4935	313A	.4445	328E	-.7871
113A	.5672	129B	-.9430	213A	.3774	254C	.7064	312A	.2590	329E	-.7639
112A	-.0278	157C	.4471	212A	.2126	253C	.7637	311A	.2773	330E	-.7566
111A	.1332	156C	.5972	211A	.2846	252C	.8156	310A	.6092		
110A	.6432	155C	.7637	210A	.6859	251C	.8319	309A	.7455		
109A	.7455	154C	.8401	209A	.7285	243C	-.7311	308A	.5666		
108A	.3876	153C	.9138	208A	-.3112	244C	-1.1680	301A	-.2345		
101A	-1.0185	152C	.0322	201A	-1.8025	245C	-1.7240	302A	-3.5409		
102A	-3.0296	144C	-1.7827	202A	-4.8873	246C	-1.3353	303A	-4.1033		
103A	-3.3960	145C	-2.4682	203A	-4.4271	247C	-.9920	304A	-3.4216		
104A	-3.3704	146C	-2.4359	204A	-3.4642	248C	-.8350	305A	-2.2711		
105A	-2.8250	147C	-1.5034	206A	-2.2285	249C	-.7493	307A	-2.2626		
106A	-2.4757	148C	-1.1680	207A	-2.4331	250C	-.7625	345E	.0820		
107A	-2.3649	149C	-.9909	242B	.7118	264D	.0896	344E	.1958		
142P	.5945	150C	-.8862	241B	.7391	263D	.6627	343E	.2138		
141B	.6627	151C	-.8851	240B	.5754	262D	.7828	342E	.2261		
140B	.6382	166D	.0705	239B	.5853	261D	.3374	341E	.1882		
139B	.6354	165D	.6791	238B	.5672	256D	-.9987	340E	.1711		
135B	.6300	164D	.8235	237B	.5459	257D	-2.1908	339E	.1919		
137B	.5863	159D	.0085	236B	.5764	258D	-1.3853	338E	.2114		
136B	.5481	160D	-1.5001	235B	.6423	259D	-.8294	336E	.4421		
135P	.5945	161D	.0051	234B	.7216	260D	-.5631	335E	.5678		
134B	.6654	162D	-.6299	233B	.7705			334E	.6643		
133B	.7610			232B	.7534			333E	.7119		
132E	.7173			231B	.5410			332E	.5776		
131B	.4307			230B	-.7395			331E	.0051		
130B	-.5873			215B	-2.9696			314E	-2.8011		
115B	-1.3679			216B	-3.7454			315E	-3.3534		
116P	-2.2882			217B	-4.7765			316E	-3.7880		
117B	-4.6401			218B	-4.0948			317E	-3.4642		
118B	-5.0918			219B	-2.8847			318E	-2.4331		
119B	-4.5720			220B	-2.7910			319E	-1.6746		
120B	-3.3960			222B	-1.1625			320E	-1.1463		
121B	-2.0360			223B	-1.0399			321E	-1.0446		
122B	-1.3474			224B	-.9664			322E	-1.0104		
123B	-1.0288			225B	-.9650			323E	-.9311		
124B	-.8349			226B	-.8639			324E	-.8957		
125B	-.7556			227B	-.7948			325E	-.8652		
126B	-.7814			228B	-.7837			326E	-.8408		
127B	-.9104			229B	-.7970			327E	-.8151		

TABLE 3.29. - TABULATED PRESSURE DATA FOR RUN 34 AT ALPHA = 25.522 DEGREES AND QINF = 2.90 KN/SQM ( 60.57 LB/SQFT )

WING STATION A				WING STATION B				WING STATION C			
TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP	TAP ID	CP
114A	.5529	128B	-.8248	214A	.5916	255C	.4794	313A	.4709	328E	-.8066
112A	.7356	129B	-.8504	213A	.5977	254C	.7001	312A	.3002	329E	-.7749
112A	.0460	157C	.4494	212A	.4173	253C	.7628	311A	.3734	330E	-.7396
111A	.2395	156C	.5829	211A	.4319	252C	.8364	310A	.6510		
110A	.7191	155C	.7574	210A	.7702	251C	.8582	309A	.6681		
109A	.6595	154C	.8364	209A	.5574	243C	-.7799	308A	.2851		
109A	-.0383	153C	.9155	208A	-1.2638	244C	-1.2309	301A	-.9063		
101A	-1.9871	152C	.0460	201A	-3.0169	245C	-1.8028	302A	-5.2210		
102A	-4.0551	144C	-1.6085	202A	-6.4125	246C	-1.4501	303A	-5.3912		
103A	-4.2934	145C	-2.2734	203A	-5.5529	247C	-1.0751	304A	-3.7232		
104A	-4.0466	146C	-2.2378	204A	-3.5445	248C	-.8937	305A	-2.1744		
105A	-2.9488	147C	-1.4000	206A	-2.5403	249C	-.8114	307A	-2.2680		
106A	-2.7105	148C	-1.1219	207A	-2.5743	250C	-.8192	345E	.0820		
107A	-2.5233	149C	-.9516	242B	.7219	264D	.0923	344E	.1942		
142B	.5966	150C	-.8748	241B	.7814	263D	.6647	343E	.2149		
141B	.6865	151C	-.8860	240B	.5966	262D	.7901	342E	.2283		
140B	.6538	166D	.0242	239B	.5993	261D	.8446	341E	.1979		
139B	.6511	165D	.6729	238B	.5802	256D	-1.0996	340E	.1735		
138B	.6347	164D	.8255	237B	.5709	257D	-2.3691	339E	.2125		
137B	.5884	159D	-.0326	236B	.6099	258D	-1.5658	338E	.2454		
136B	.5666	160C	-1.5647	235B	.6720	259D	-.9193	336E	.4599		
135B	.6293	161D	-.0103	234B	.7391	260D	-.5711	335E	.5928		
134B	.7110	162D	-.7213	233B	.7793			334E	.6660		
133B	.7765			232B	.7306			333E	.7001		
132B	.7219			231B	.5233			332E	.5770		
131B	.4875			230B	-.7079			331E	.0516		
130B	-.3901			215B	-2.9911			314E	-2.2755		
115B	-1.3305			216B	-3.9871			315E	-3.2892		
116B	-2.4552			217B	-4.8466			316E	-3.7913		
117B	-4.8551			218B	-4.2253			317E	-3.0169		
118B	-5.1615			219B	-2.9148			318E	-1.1616		
119B	-4.5657			220B	-2.7701			319E	-1.1191		
120B	-3.2296			222B	-1.0896			320E	-.8212		
121B	-1.8829			223B	-.9950			321E	-1.0163		
122B	-1.1385			224B	-.9483			322E	-.8371		
123B	-.8626			225B	-.9216			323E	-.9370		
124B	-.7814			226B	-.9004			324E	-.8615		
125B	-.7513			227B	-.8404			325E	-.7688		
126B	-.8237			228B	-.8225			326E	-.7639		
127B	-.8148			229B	-.6248			327E	-.7420		

TABLE 810.- NORMAL-CHORD FORCE COEFFICIENT FOR RUN 34

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.833	-.11407	.68514	.29857	.07293	-.11534	.52554	.39371	.11676	-.14805	.07097
.296	-.07075	1.23096	.34509	.08178	-.07615	1.33578	.46224	.14523	-.12070	.73731
4.304	-.04115	1.51141	.33281	.07963	-.03950	1.77863	.46774	.14239	-.09114	1.13234
8.354	.03208	1.76679	.31390	.07788	.10284	2.11362	.45226	.13927	.02673	1.39937
12.443	.15505	1.97196	.29420	.07563	.27820	2.39428	.40383	.14510	.15620	1.53864
16.458	.20185	1.72819	.23734	.08840	.41297	2.42995	.35247	.14968	.31210	1.62272
20.468	.28980	1.78371	.25326	.09399	.49116	2.17131	.34856	.17863	.36386	1.55605
24.498	.39146	1.84121	.28552	.10727	.48838	1.75774	.34037	.18604	.43258	1.46008
28.522	.45965	1.81009	.27699	.11223	.56297	1.78548	.35311	.19554	.48787	1.31937

TABLE 311 .- AXIAL-CHORD FORCE COEFFICIENT FOR RUN 34

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.838	-.01272	-.03746	-.05278	.00231	-.00664	-.01542	-.04724	-.01648	-.01540	-.04439
.296	.00088	-.06399	-.05534	.00193	.00118	-.06543	-.03671	-.01933	-.00698	-.08837
4.304	.02369	-.10572	-.05337	.00186	.03102	-.14392	-.04031	-.01776	.01053	-.15064
8.364	.05138	-.16329	-.05000	.00178	.04918	-.19604	-.04155	-.01662	.04231	-.19817
12.443	.06306	-.21073	-.04703	.00152	.04684	-.25391	-.04008	-.01583	.04734	-.18976
16.458	.05914	-.20953	-.02442	.00131	.02376	-.29158	-.02771	-.01629	.04107	-.20955
20.468	.05069	-.22622	-.02940	.00114	-.00124	-.29760	-.01502	-.01995	.02184	-.16371
24.498	.03066	-.24856	-.02796	.00028	-.02923	-.22944	-.00899	-.01993	.01180	-.17650
28.522	.00035	-.25478	-.02471	.00009	-.07851	-.23559	-.00858	-.02197	-.02024	-.15009

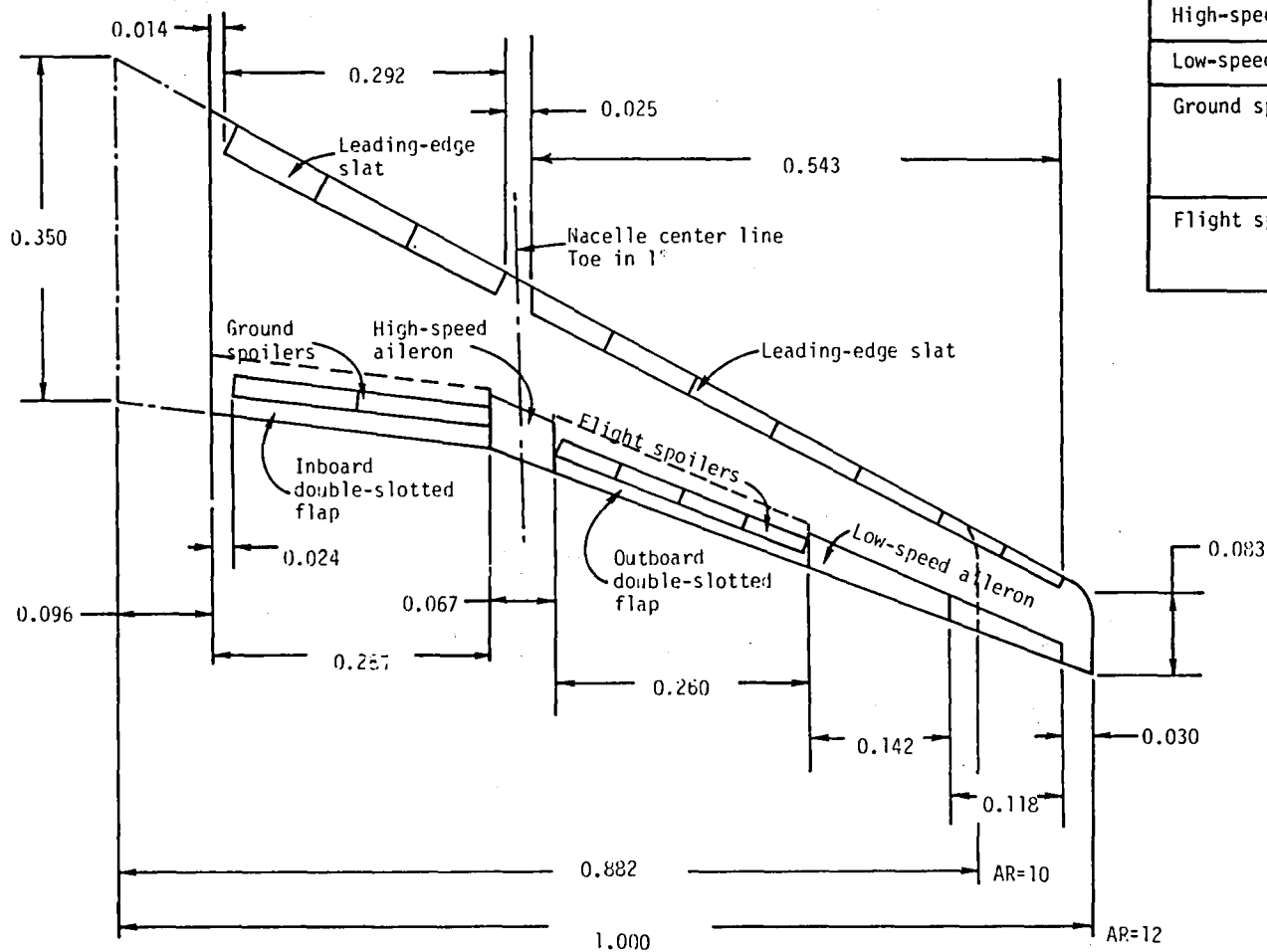
TABLE 312.- PITCHING-MOMENT COEFFICIENT FOR RUN 34

ALPHA	COMPONENT-STATION									
	A-A	B-A	C-A	D-A	A-B	B-B	C-B	D-B	A-C	E-C
-3.838	.00700	-.28522	-.01918	-.00306	.00786	-.28928	-.03481	-.00521	.01083	-.10200
.296	.00335	-.56438	-.02178	-.00335	.00387	-.56228	-.03923	-.00628	.00772	-.30193
4.304	.00097	-.61413	-.02103	-.00330	.00153	-.66305	-.03908	-.00631	.00509	-.37439
8.354	-.00367	-.66579	-.01986	-.00326	-.00830	-.74405	-.03751	-.00624	-.00322	-.44076
12.443	-.01164	-.69840	-.01855	-.00325	-.02007	-.79842	-.03312	-.00668	-.01169	-.52919
16.458	-.01415	-.59456	-.01660	-.00397	-.02853	-.77356	-.02984	-.00690	-.02188	-.55561
20.468	-.01240	-.60590	-.01740	-.00420	-.03323	-.66444	-.03124	-.00836	-.02433	-.56639
24.498	-.02480	-.61297	-.01998	-.00493	-.03180	-.57362	-.03125	-.00886	-.02835	-.51957
28.522	-.02791	-.60402	-.01959	-.00522	-.03559	-.58850	-.03232	-.00912	-.02982	-.49121

TABLE 313.- LONGITUDINAL STABILITY-AXIS AND LATERAL BODY-AXIS DATA FOR RUN 34 OF TEST 218

MACH	Q,KPA (PSF)	ALPHA,DEG	CL	CD	CPM	CRM	CYM	CSF
.203	2.89 (60.35)	-5.92	.1471	.1694	-.2620	.0030	.0017	-.0116
.203	2.89 (60.34)	-3.84	.5962	.1530	-.3381	.0041	.0017	-.0065
.203	2.88 (60.25)	-1.75	.9961	.1551	-.4133	.0049	.0016	-.0051
.203	2.88 (60.25)	.30	1.3764	.1703	-.4359	.0011	.0024	-.0038
.203	2.88 (60.24)	2.26	1.6014	.1855	-.4141	.0024	.0025	-.0057
.204	2.89 (60.39)	4.30	1.7933	.2058	-.3814	.0009	.0029	-.0042
.204	2.89 (60.40)	6.37	1.9718	.2297	-.3568	-.0005	.0024	-.0045
.204	2.89 (60.41)	8.36	2.1659	.2514	-.3052	.0005	.0032	-.0018
.203	2.89 (60.28)	10.42	2.3179	.2757	-.2611	-.0009	.0027	-.0014
.203	2.89 (60.28)	12.44	2.4866	.3149	-.2002	.0020	.0068	-.0021
.203	2.89 (60.33)	14.46	2.4818	.3558	-.1769	-.0087	.0046	.0117
.203	2.89 (60.29)	16.46	2.5441	.3983	-.1054	-.0153	.0017	.0196
.203	2.89 (60.29)	17.46	2.4813	.4306	-.1369	-.0101	.0023	.0029
.203	2.89 (60.33)	18.49	2.4732	.4630	-.0766	-.0217	-.0048	.0124
.204	2.90 (60.58)	20.47	2.4632	.5373	-.0234	-.0274	-.0072	.0154
.204	2.90 (60.56)	22.58	2.3803	.6128	.0682	-.0263	-.0101	.0068
.204	2.89 (60.44)	24.50	2.2844	.6726	.1411	-.0088	-.0001	.0026
.204	2.90 (60.58)	26.56	2.2856	.7449	.1693	-.0066	.0015	-.0024
.204	2.90 (60.52)	28.52	2.2670	.8253	.2260	-.0097	-.0031	.0074





Leading-edge slat	15.5% c
Inboard double-slotted flap	Constant chord 30% c at $\eta = 0.383$
Outboard double-slotted flap	30% c
High-speed aileron	30% c
Low-speed aileron	30% c
Ground spoilers	Constant chord L.E. 78.5% c, T.E. 90% c At $\eta = 0.383$
Flight spoilers	11.5% c L.E. 78.5% c T.E. 90% c

Figure 1. - Planform details of EET High-Lift Research Model.



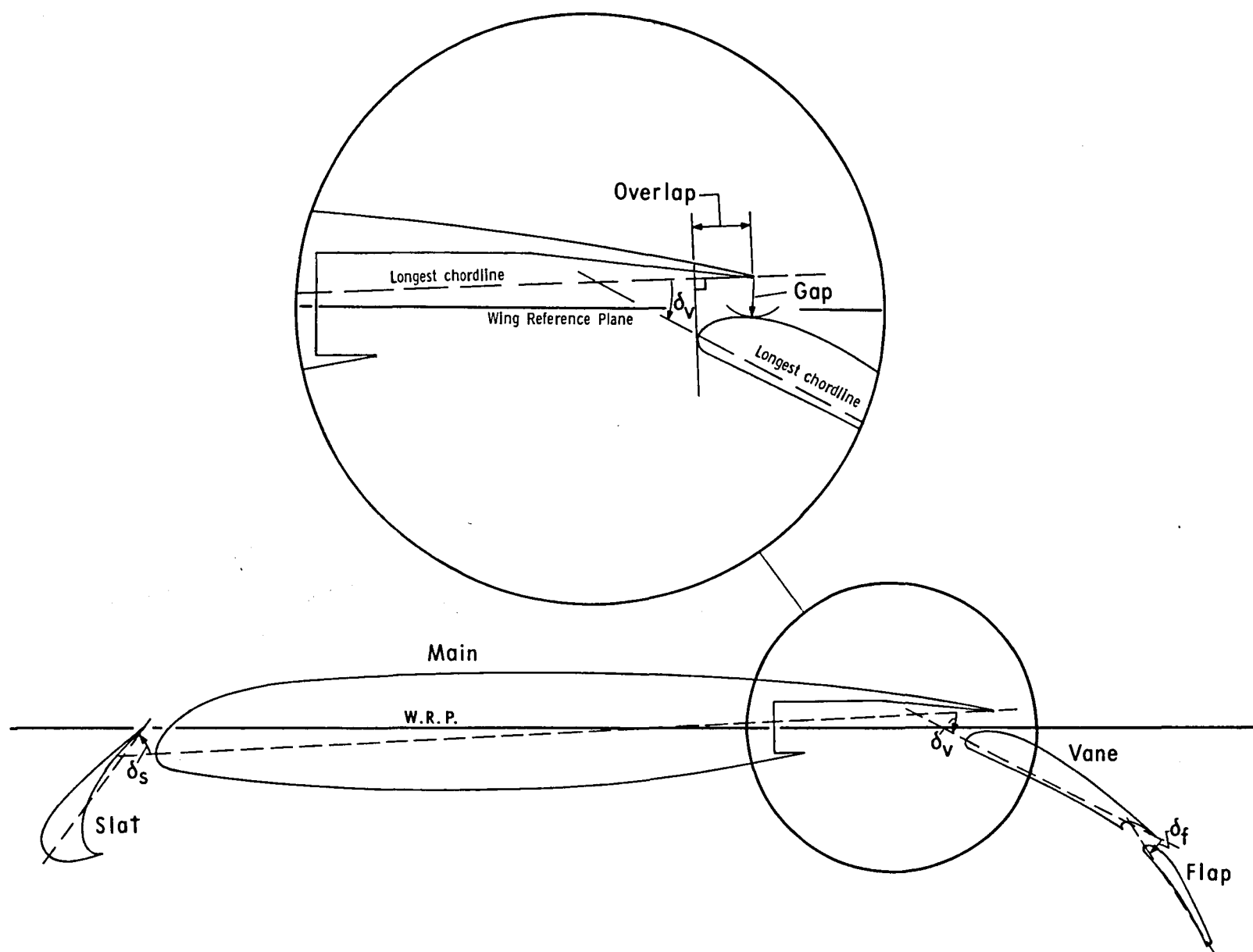


Figure 2. - Definition of gap, overlap, and deflection for slat, vane, and aft-flap.

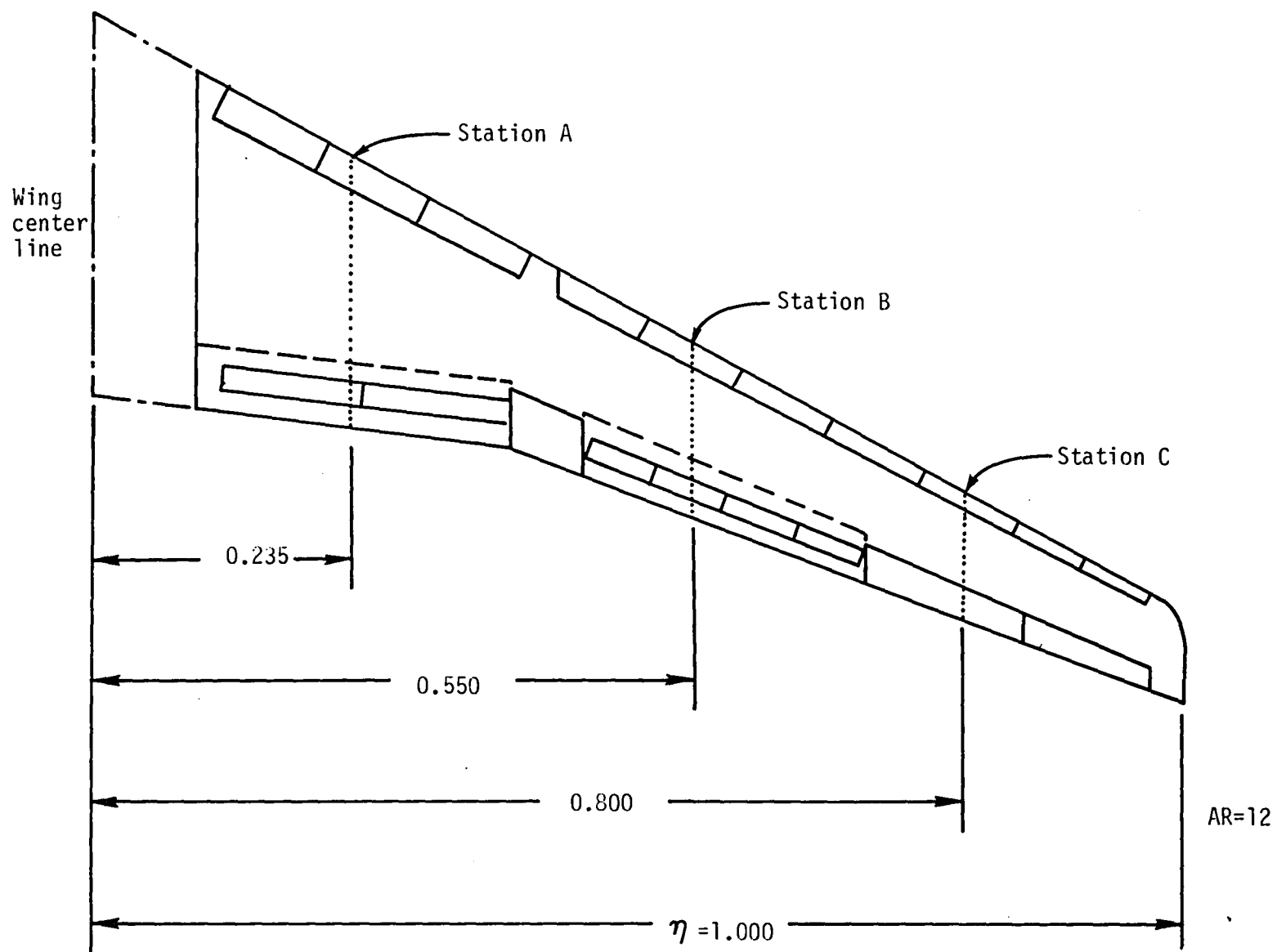


Figure 3. - Spanwise surface pressure tap stations.

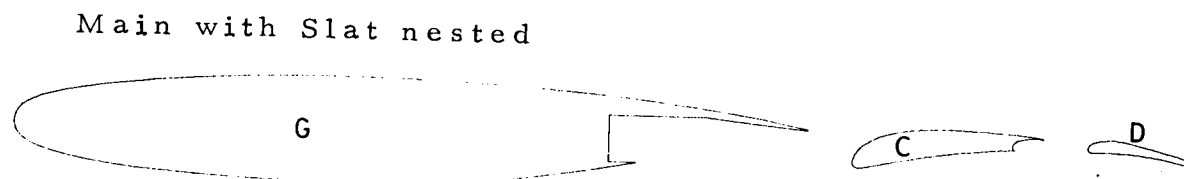
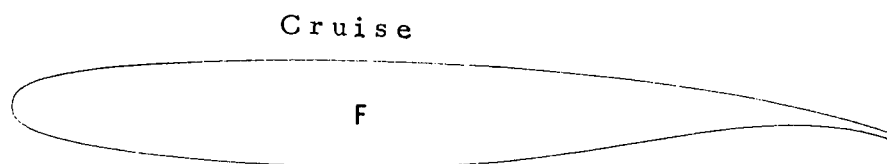
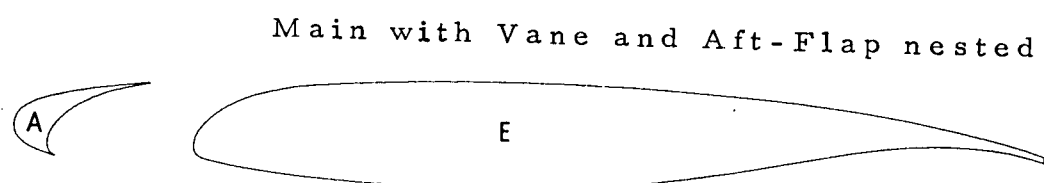
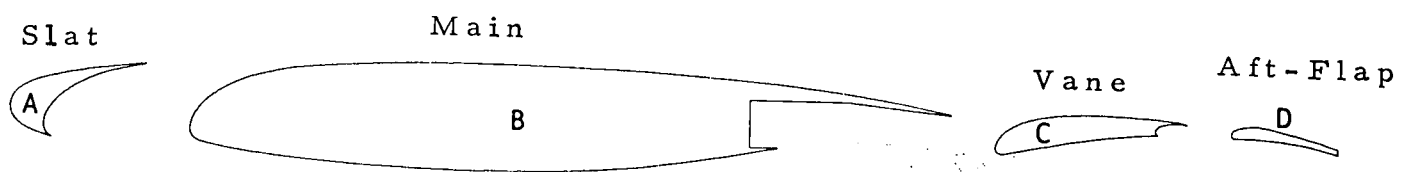


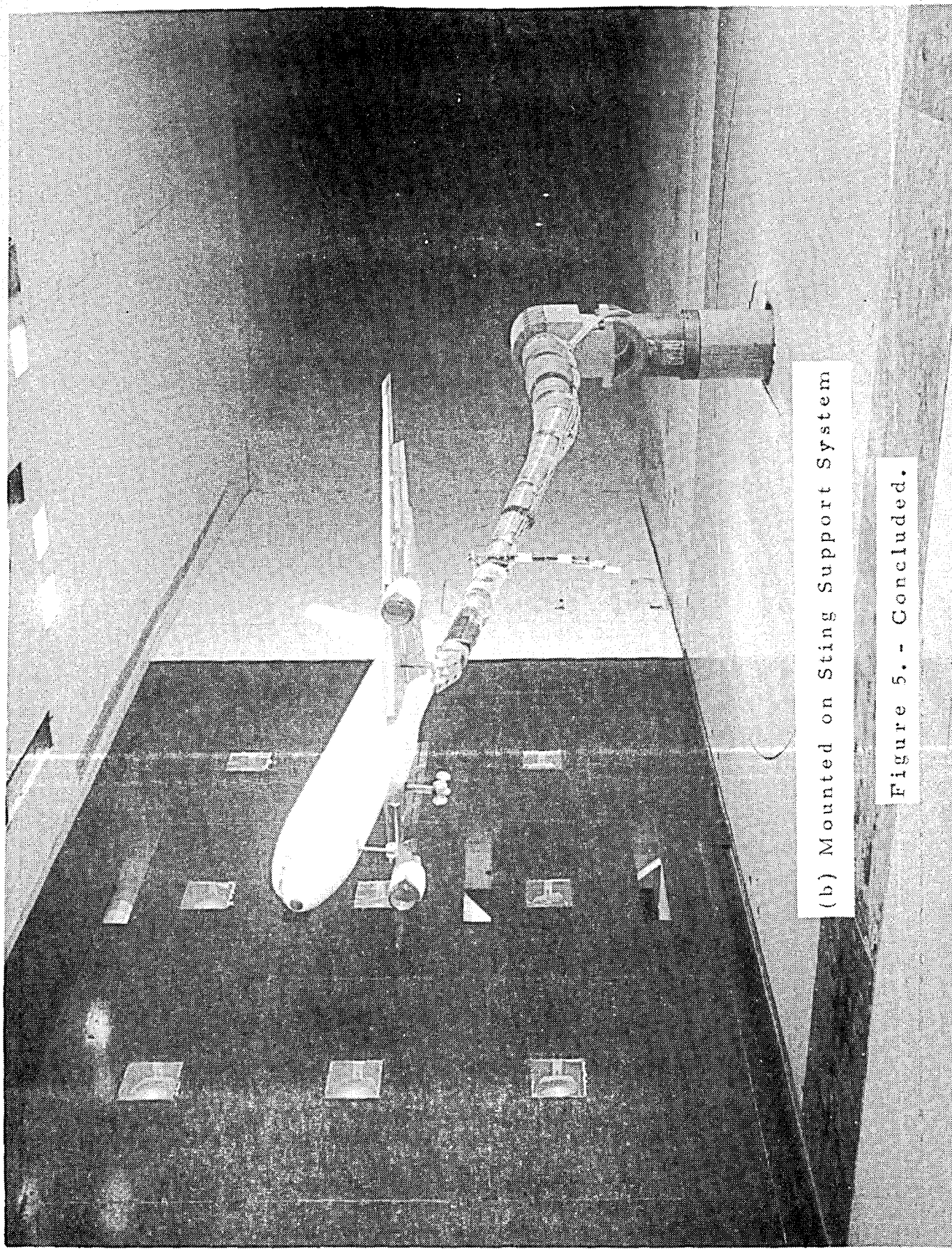
Figure 4.- Component combinations and labels.



(a) Mounted on Strut Support System

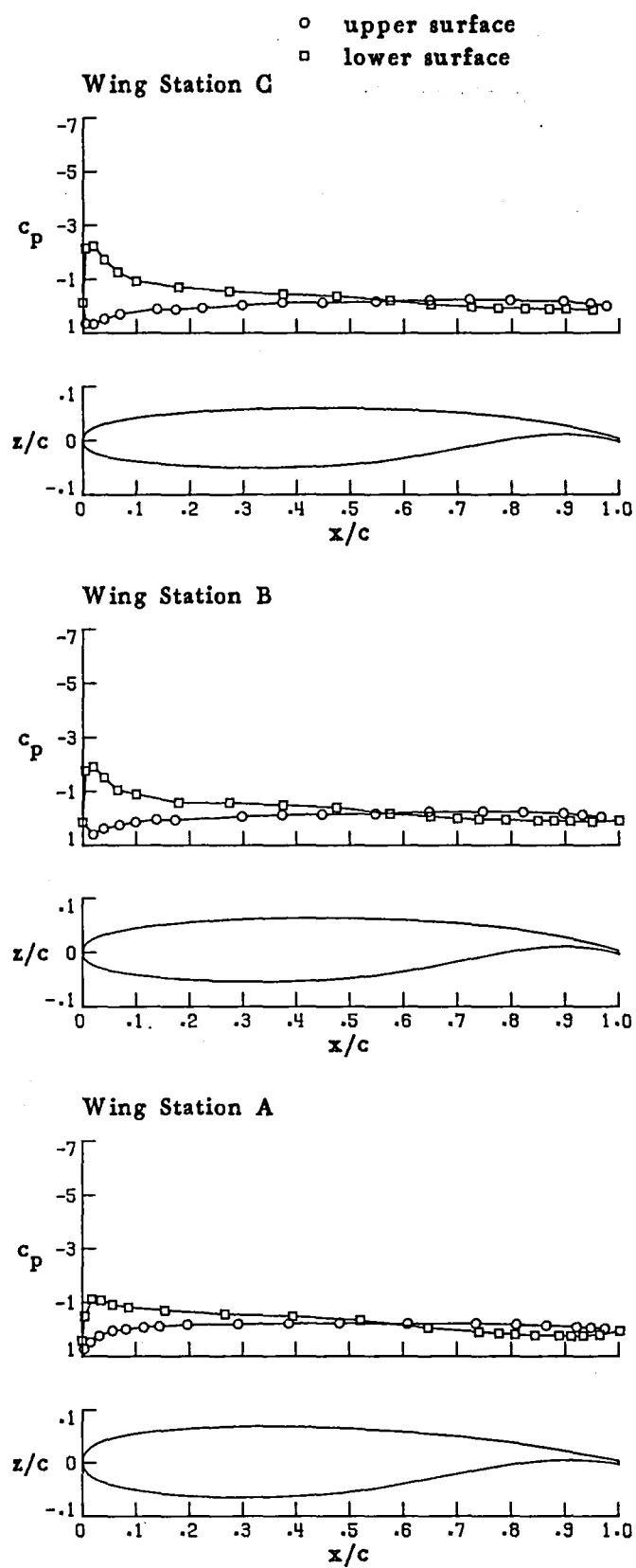
Figure 5. - Photographs of model in Langley V/STOL Tunnel.





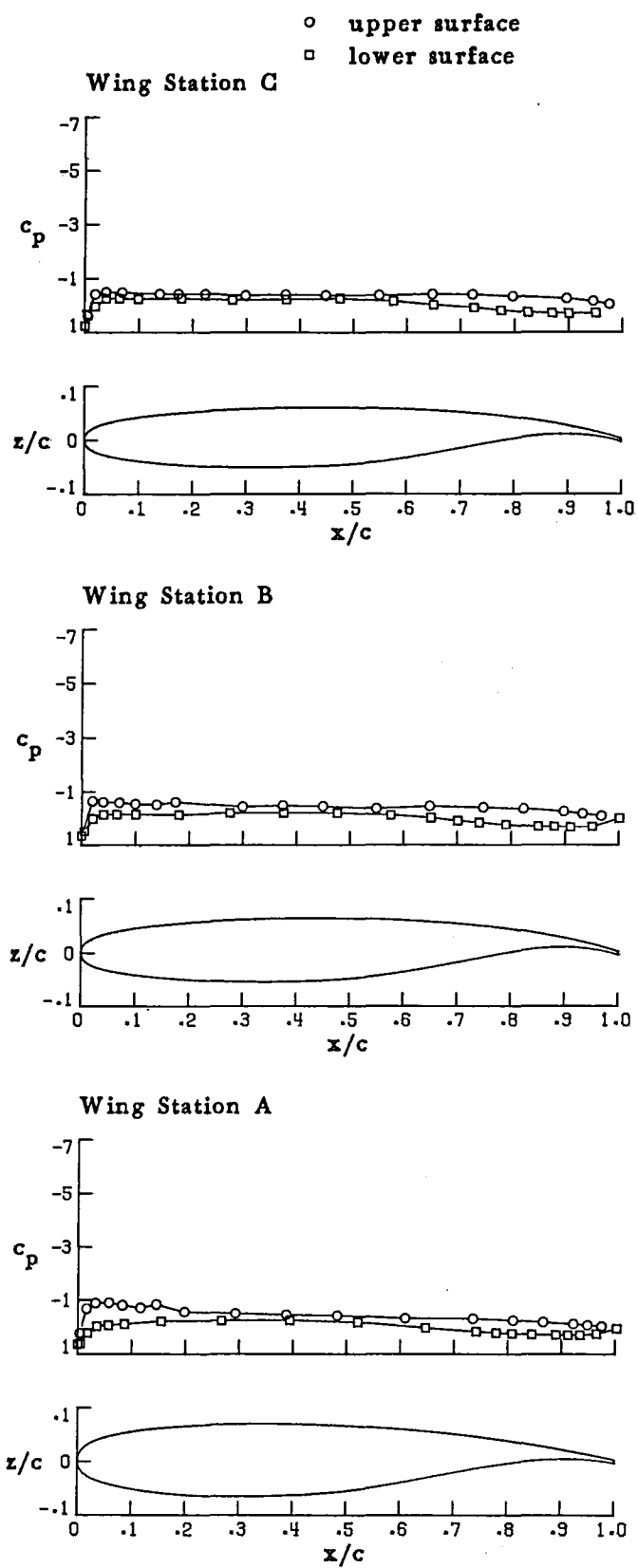
(b) Mounted on Sting Support System

Figure 5. - Concluded.



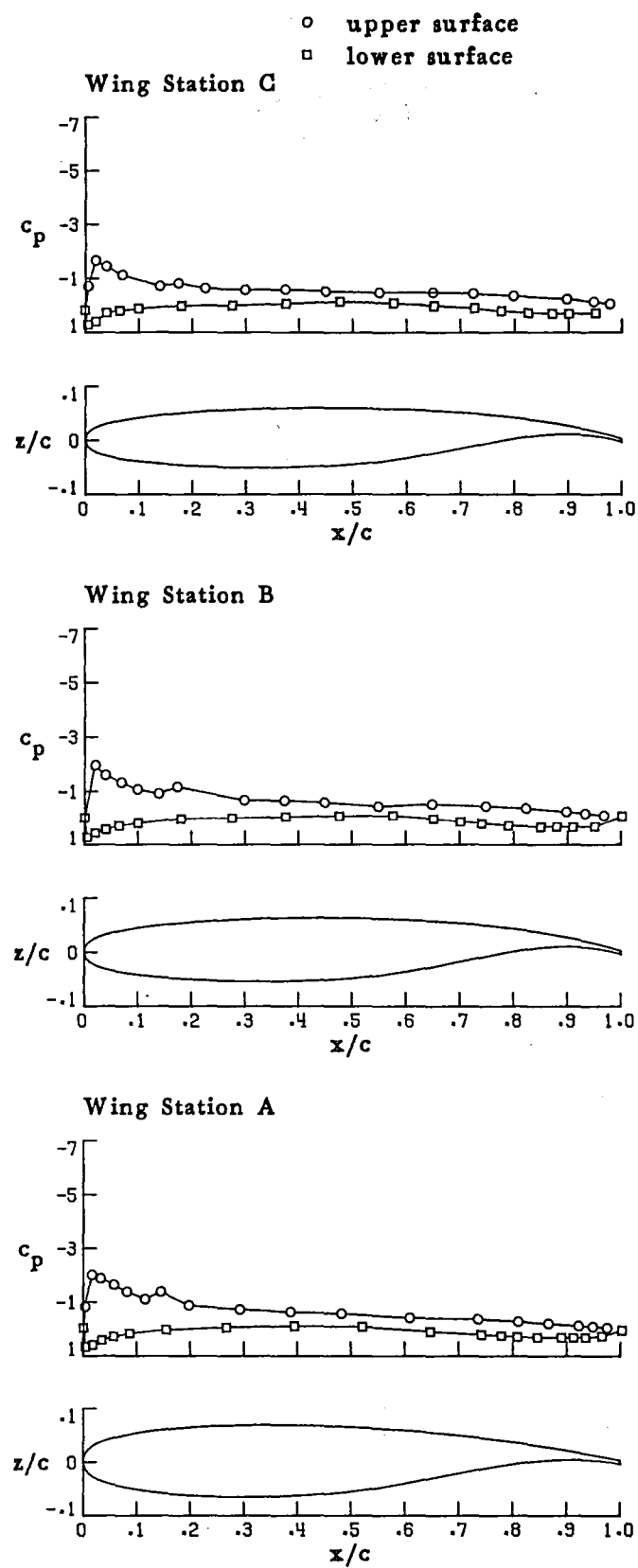
(a)  $\alpha = -6.134^\circ$

Figure 6. - Pressure distributions for aspect-ratio-10 cruise wing configuration with nacelles off. (Run 2)



(b)  $\alpha = -0.009^\circ$

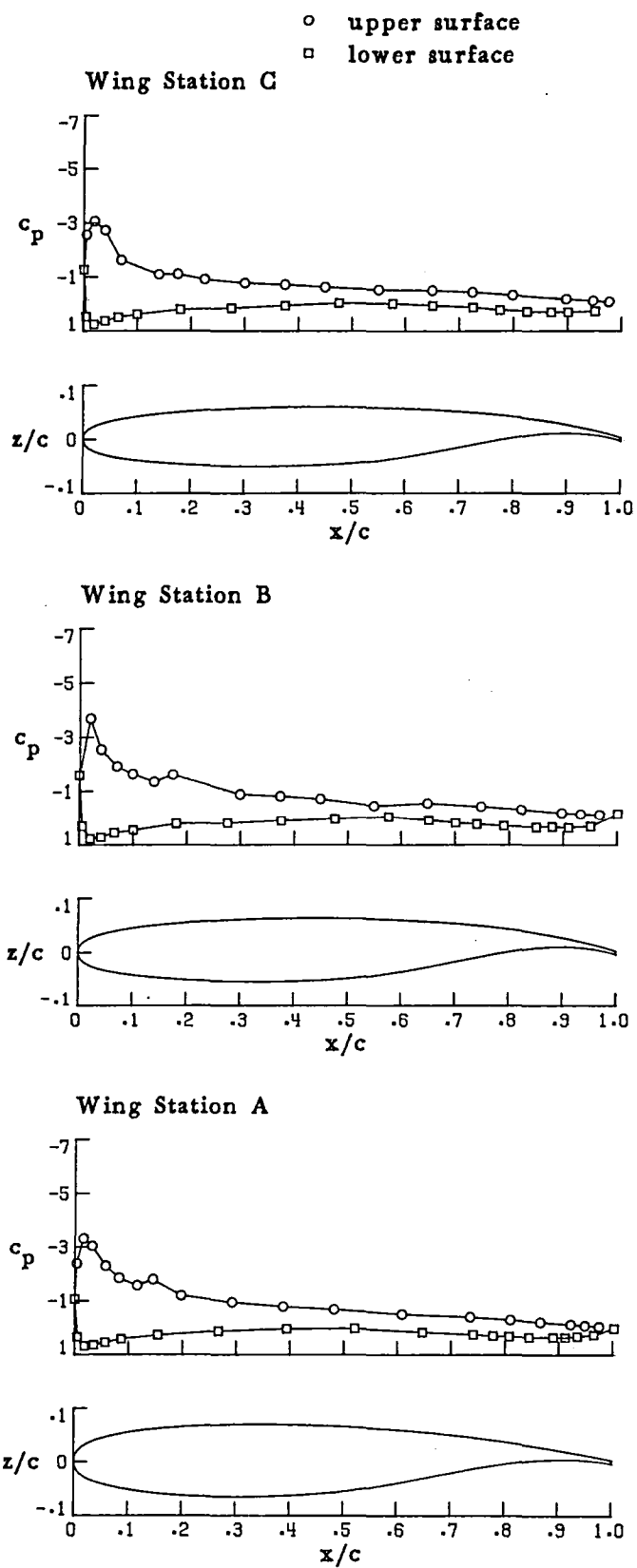
Figure 6.-Continued.



(c)  $\alpha = 4.029^\circ$

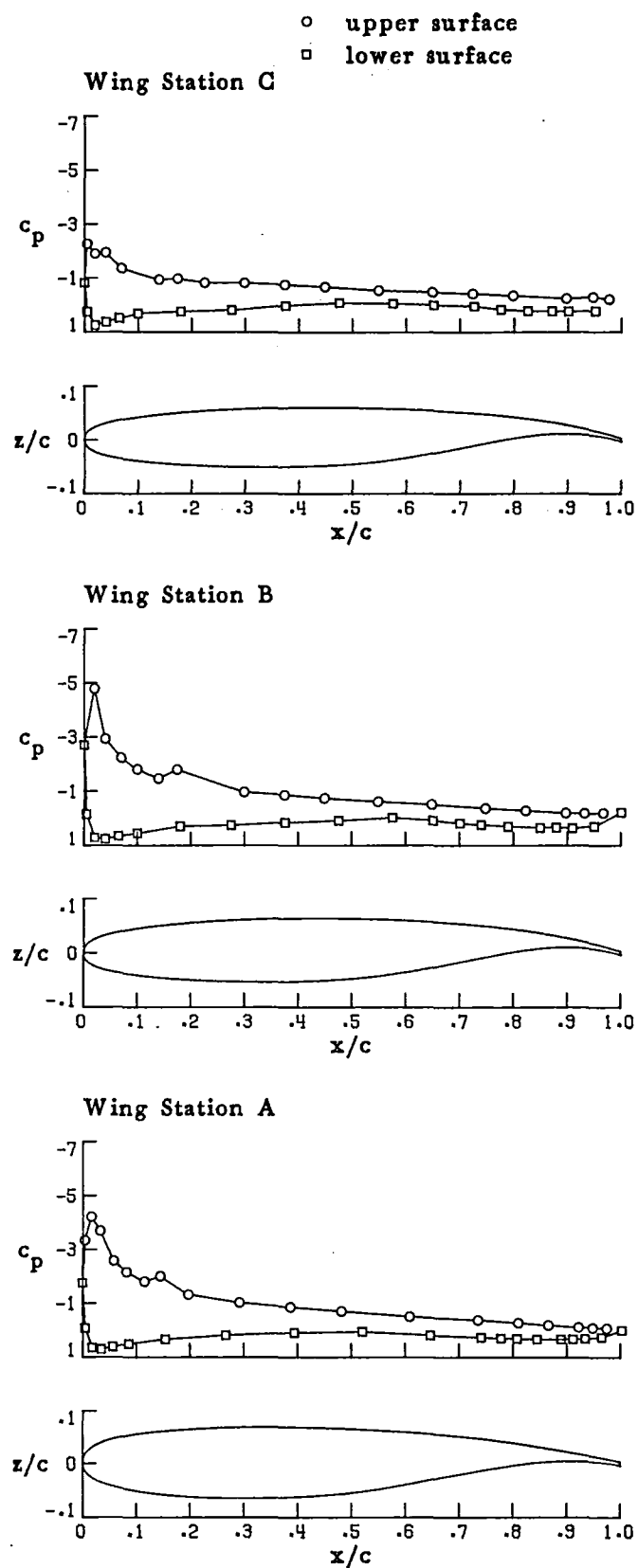
Figure 6.-Continued.





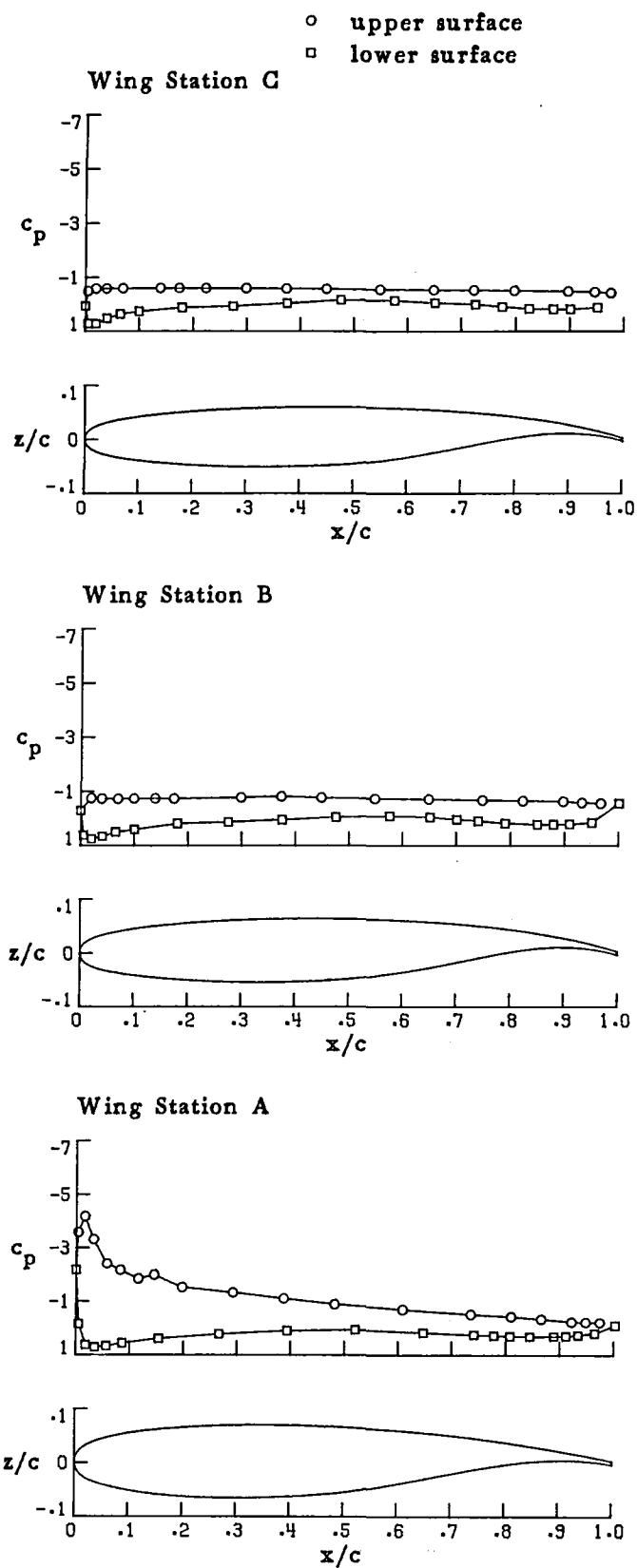
(d)  $\alpha = 8.049^\circ$

Figure 6.-Continued.



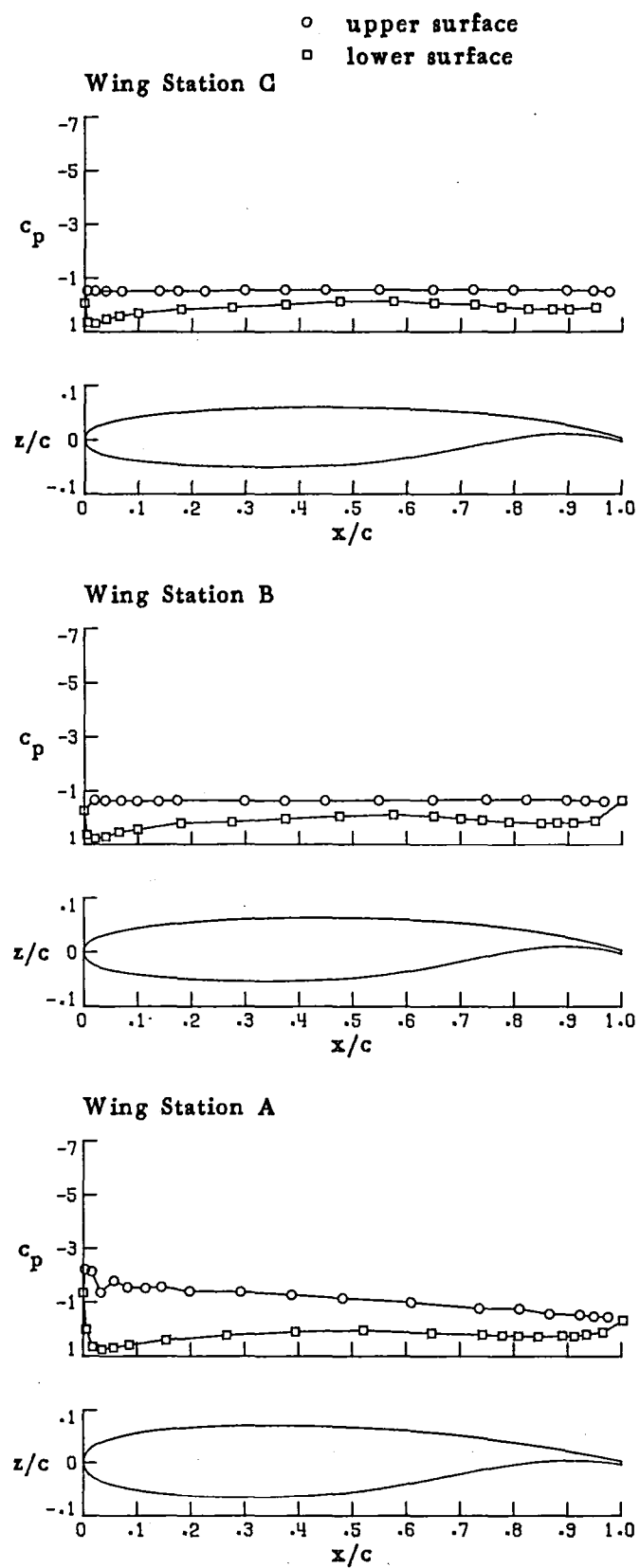
(e)  $\alpha = 10.021^\circ$

Figure 6.-Continued.



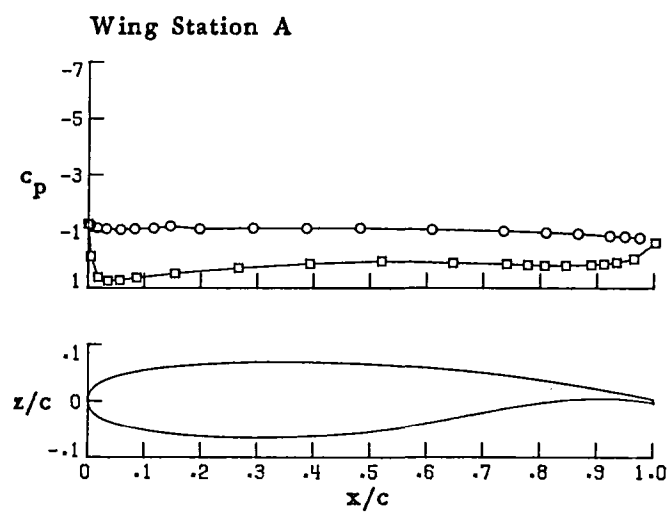
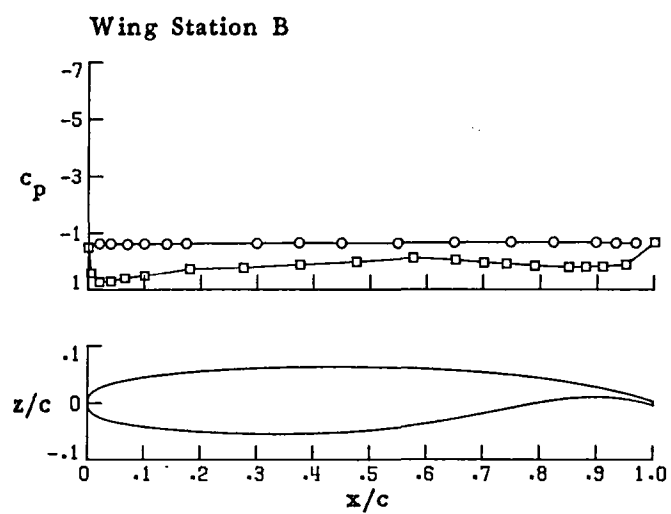
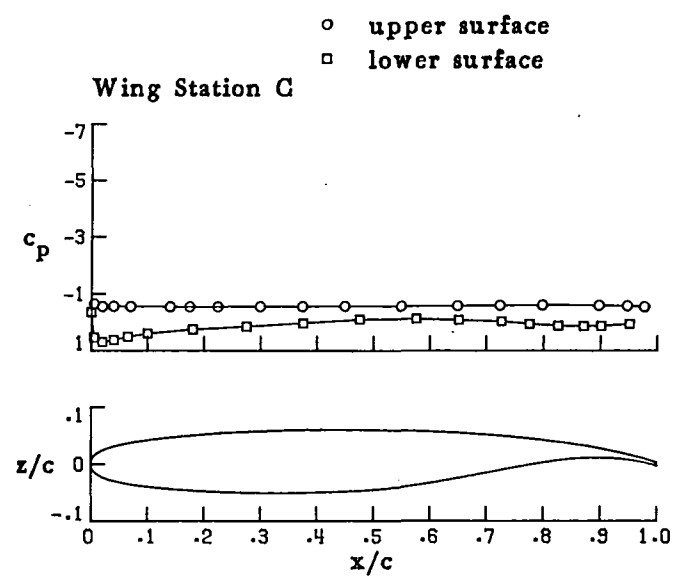
(f)  $\alpha = 12.086^\circ$

Figure 6.-Continued.



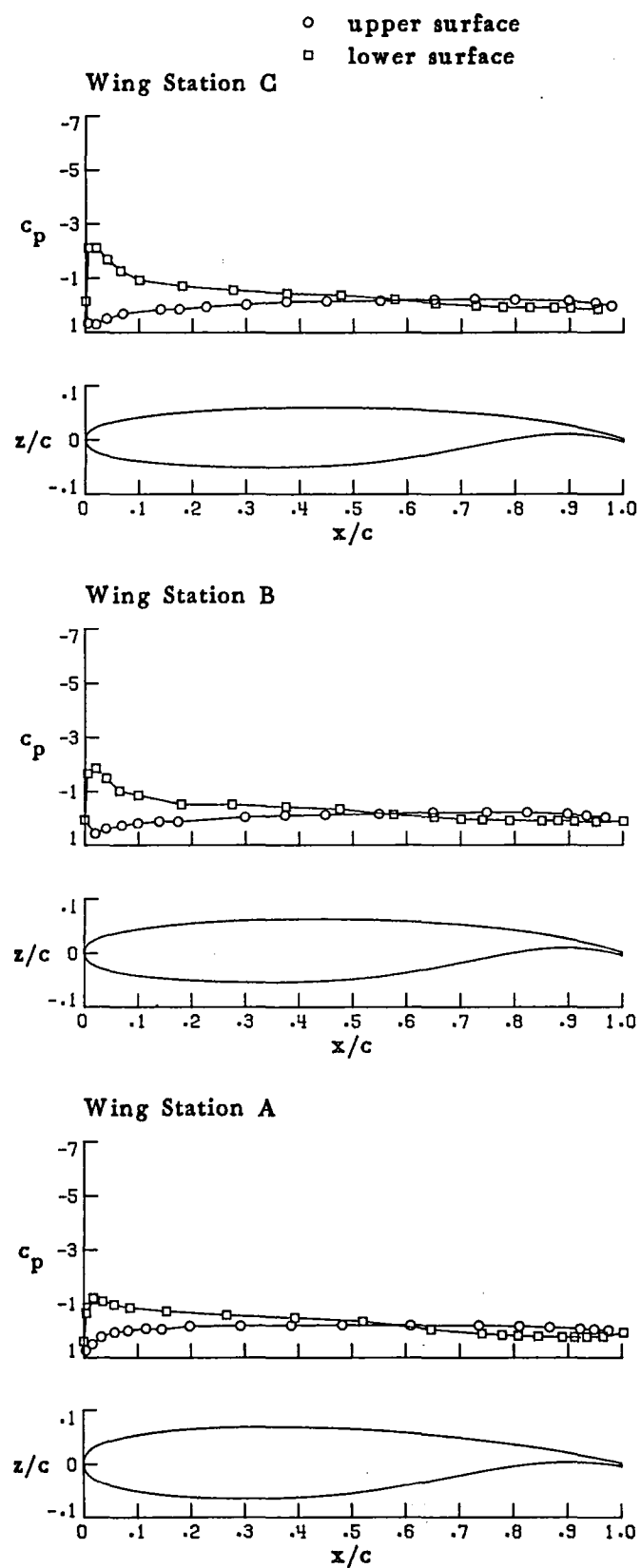
(g)  $\alpha = 14.056^\circ$

Figure 6.-Continued.



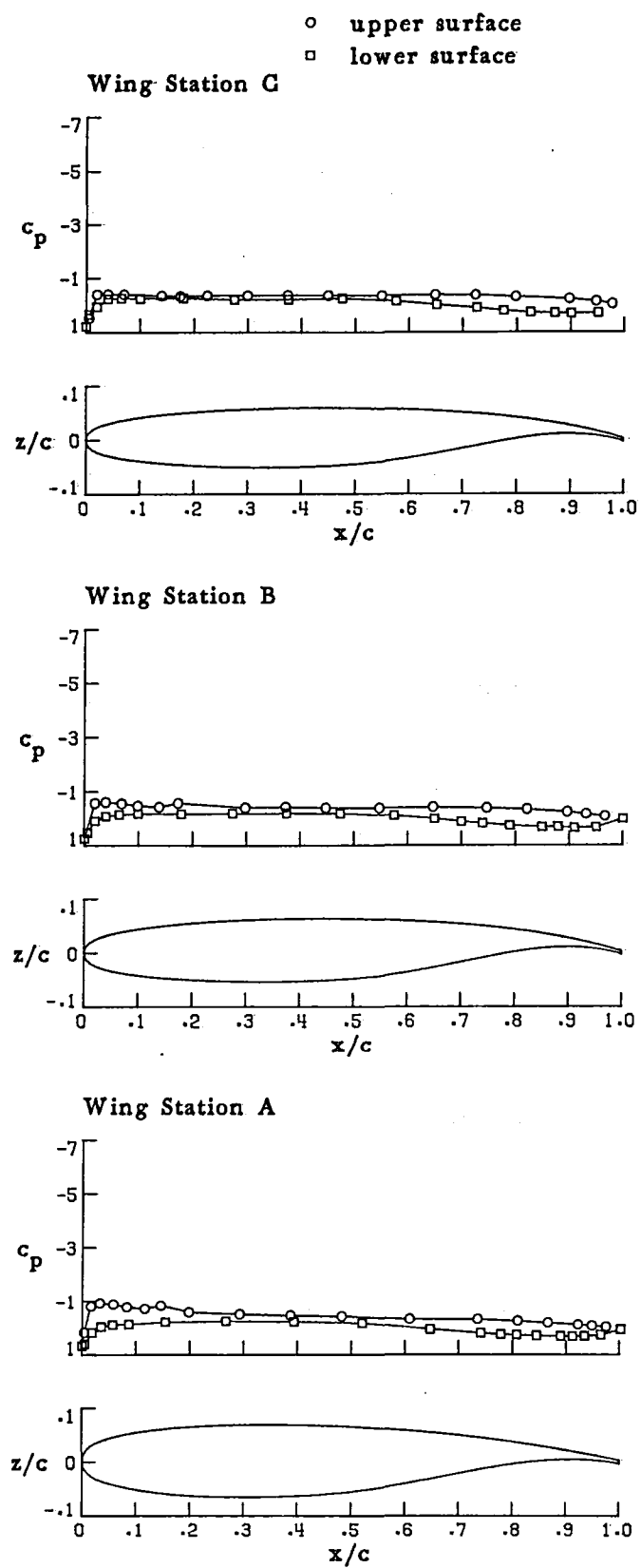
(h)  $\alpha = 18.066^\circ$

Figure 6.-Concluded.



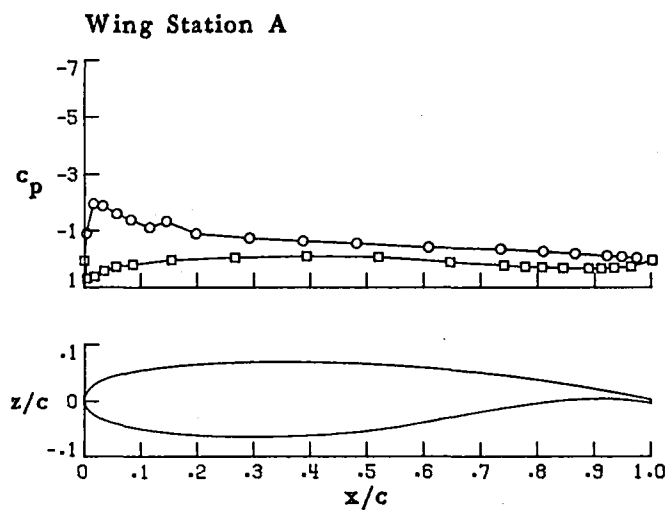
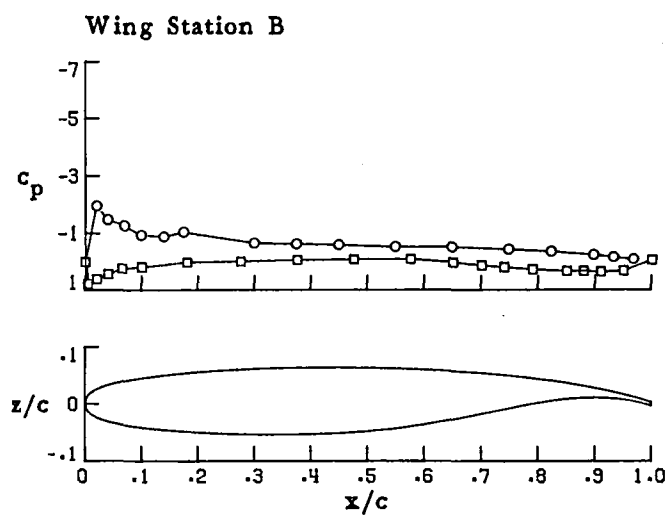
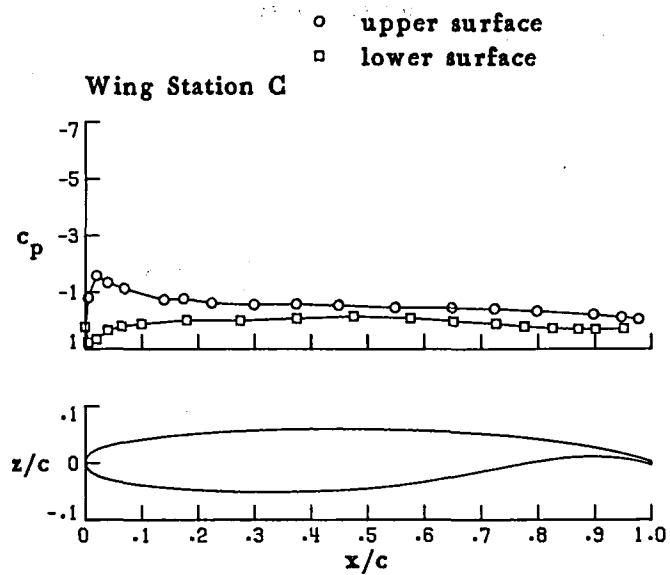
(a)  $\alpha = -6.145^\circ$

Figure 7. - Pressure distributions for aspect-ratio-10 cruise wing configuration with nacelles on. (Run 3)



(b)  $\alpha = -0.046^\circ$

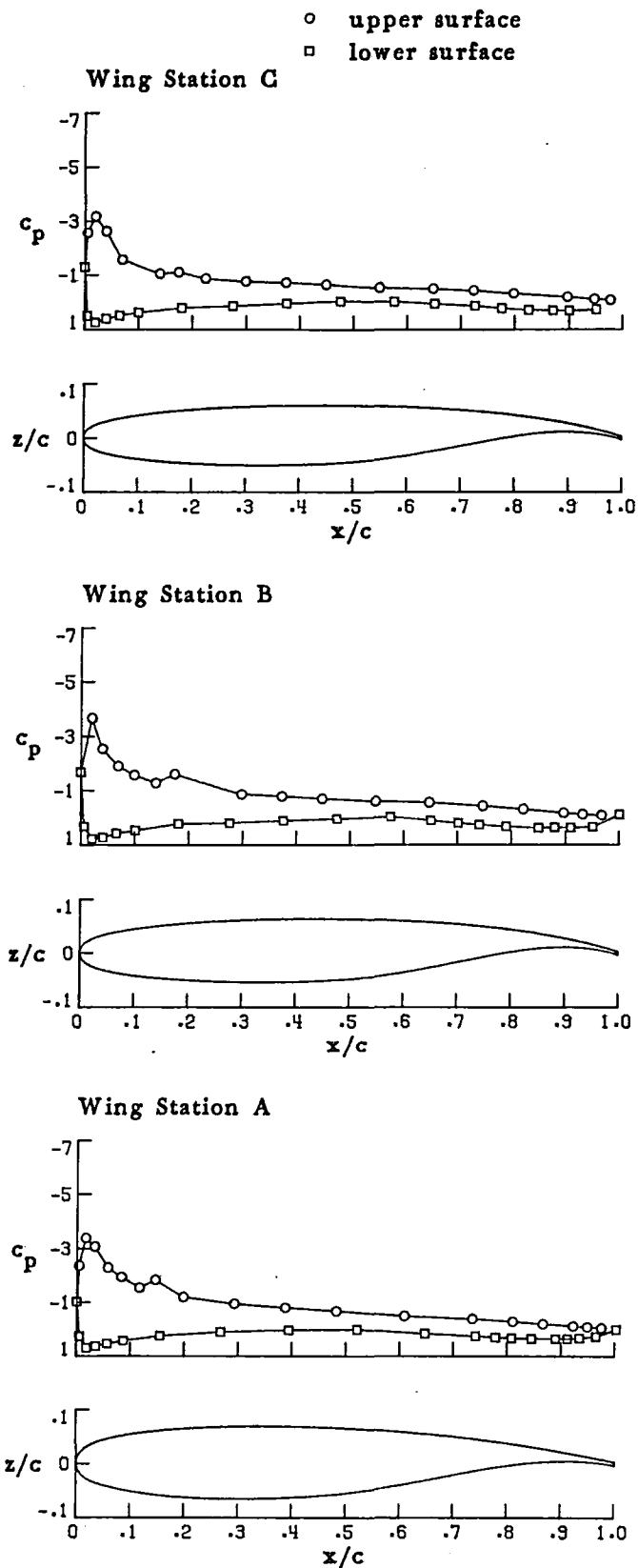
Figure 7.-Continued.



(c)  $\alpha = 4.037^\circ$

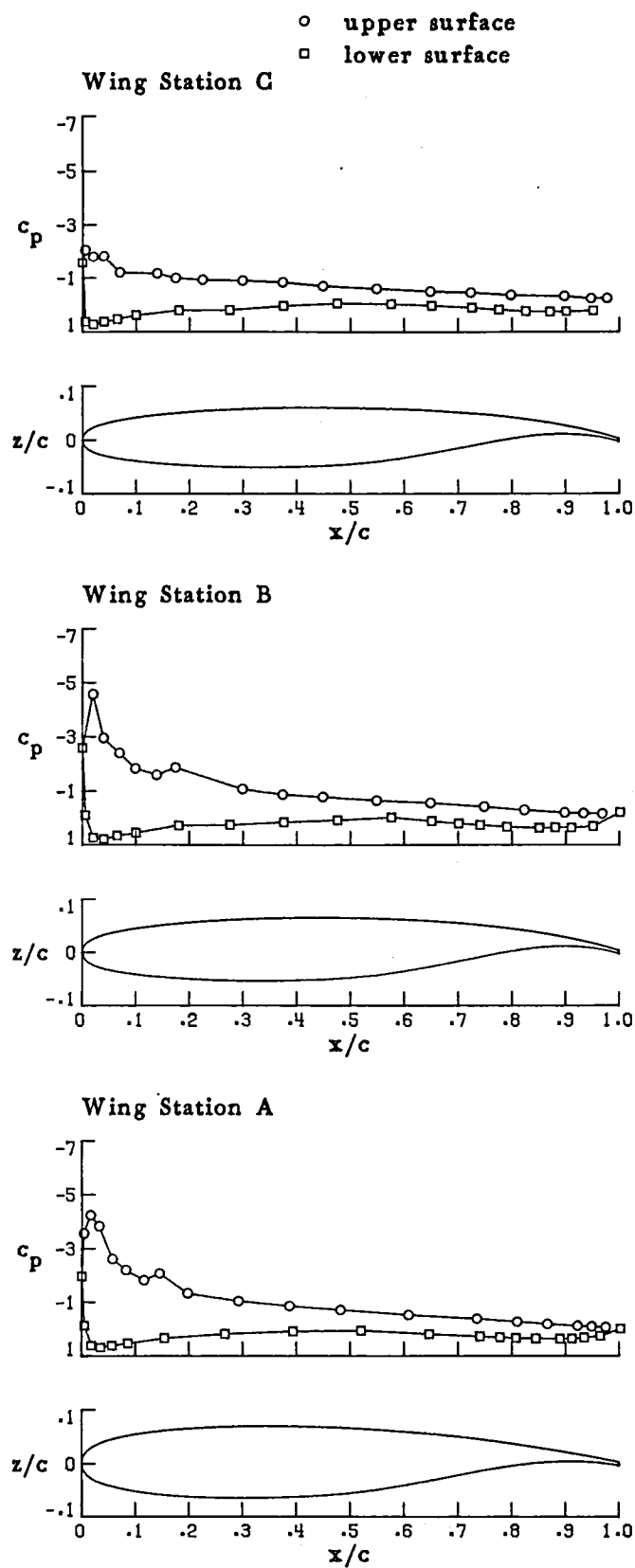
Figure 7.-Continued.





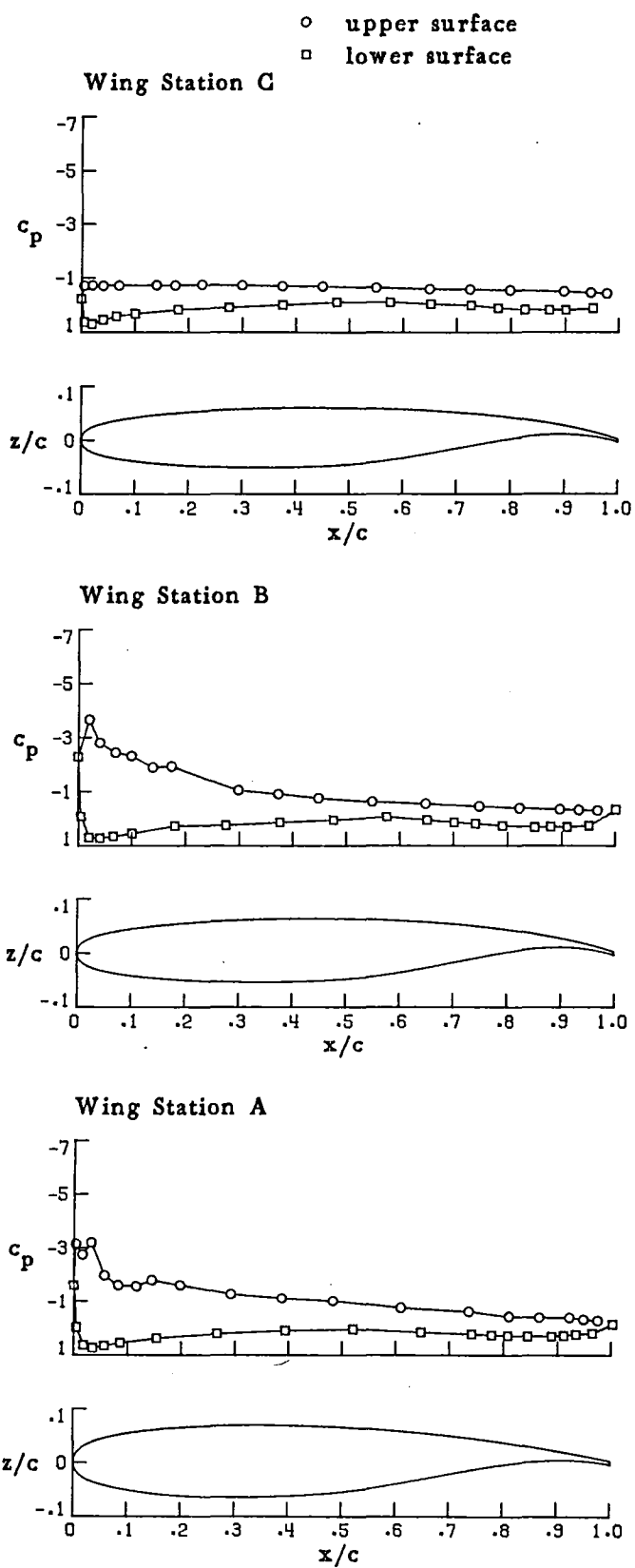
(d)  $\alpha = 8.050^\circ$

Figure 7.-Continued.



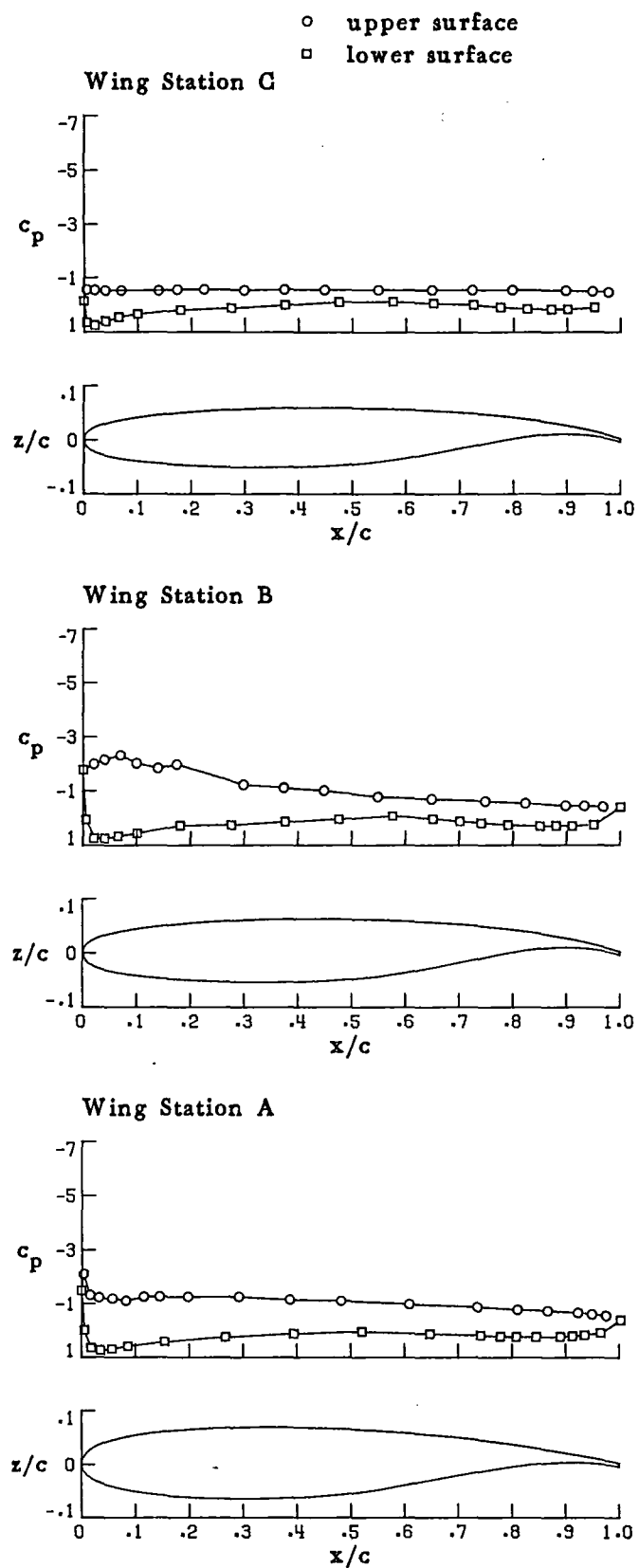
(e)  $\alpha = 10.068^\circ$

Figure 7.-Continued.



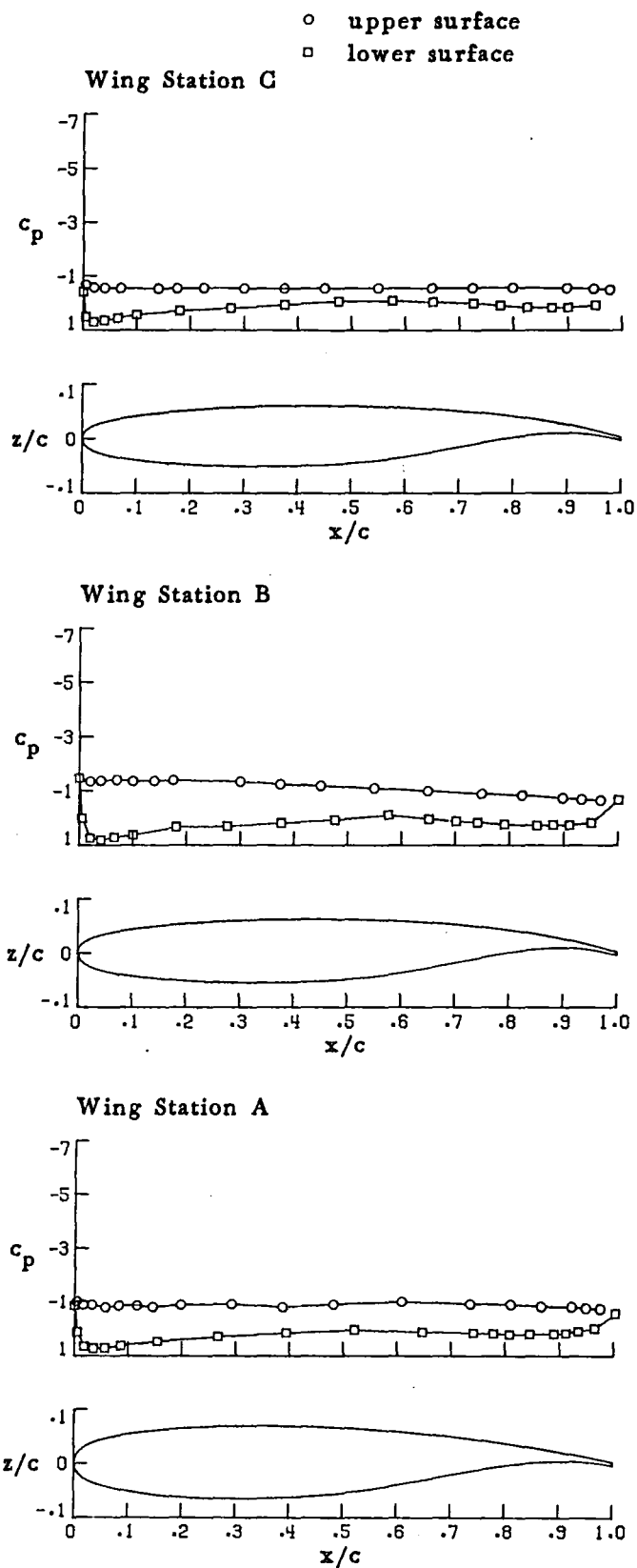
(f)  $\alpha = 12.086^\circ$

Figure 7-Continued.



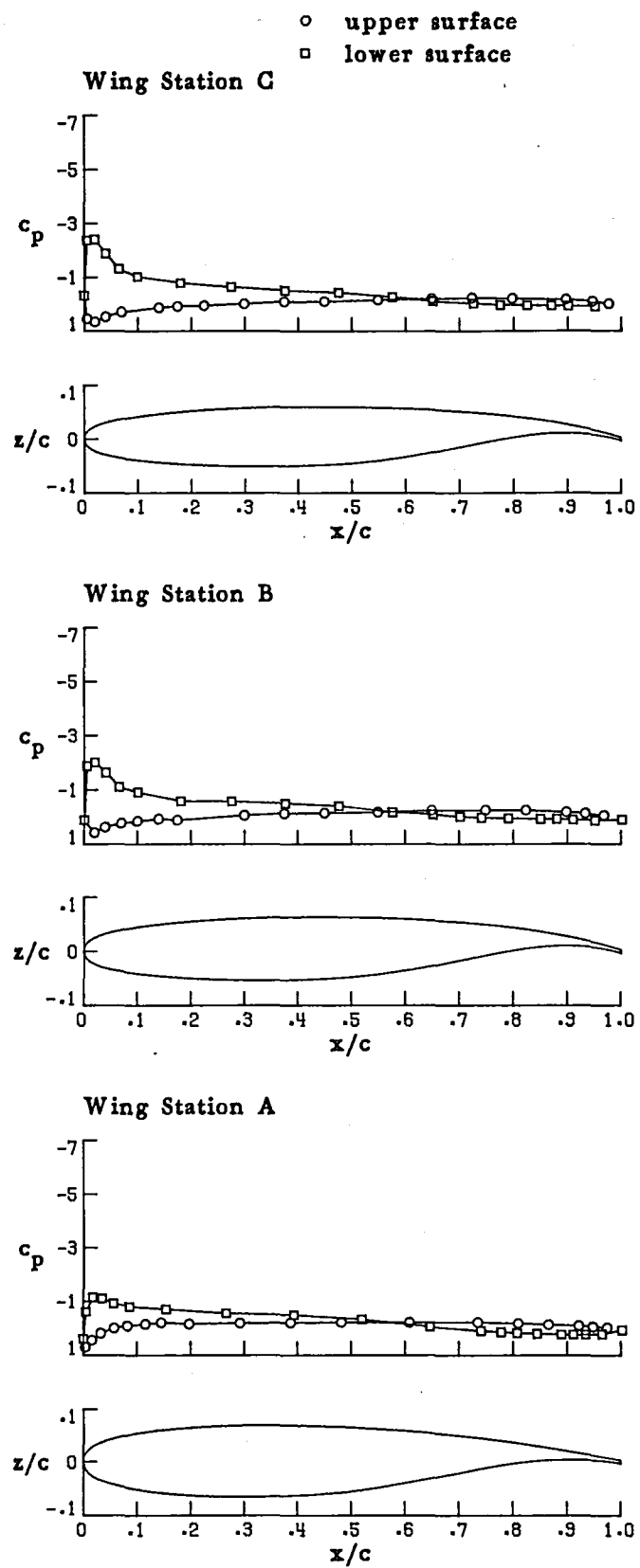
(g)  $\alpha = 14.093^\circ$

Figure 7.-Continued.



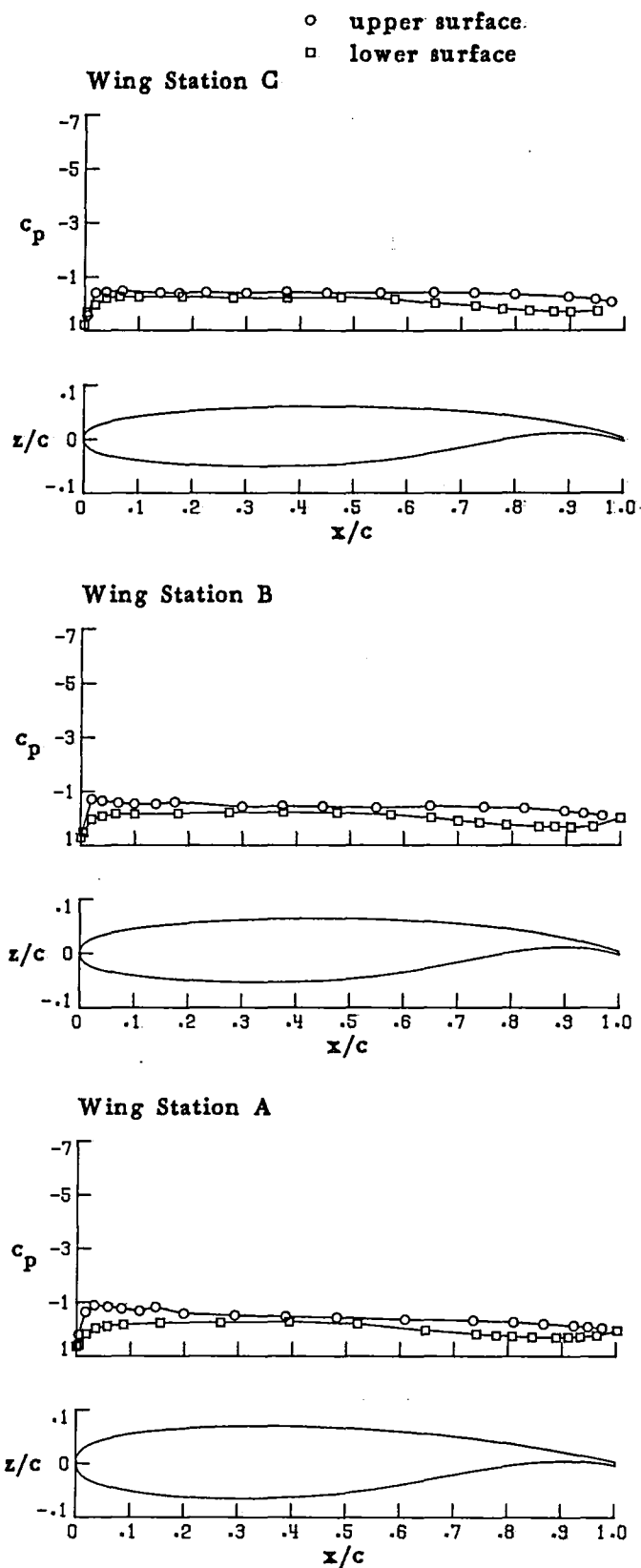
(h)  $\alpha = 18.091^\circ$

Figure 7.-Concluded.



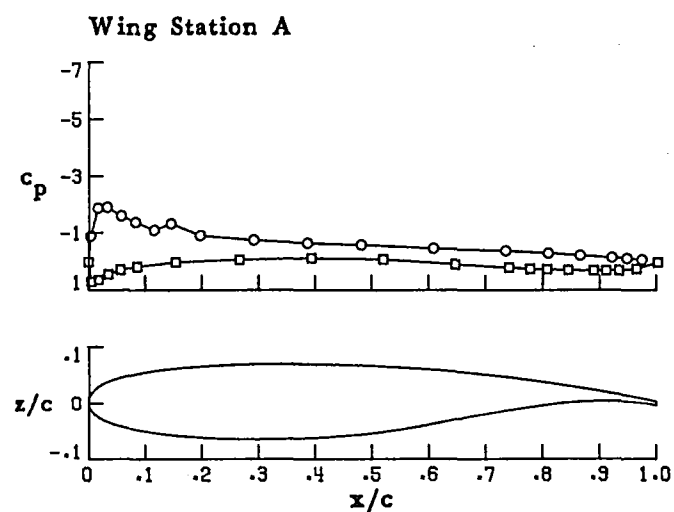
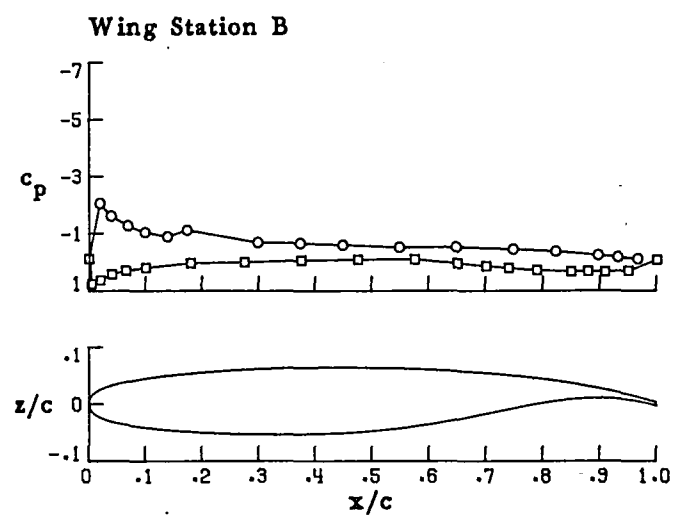
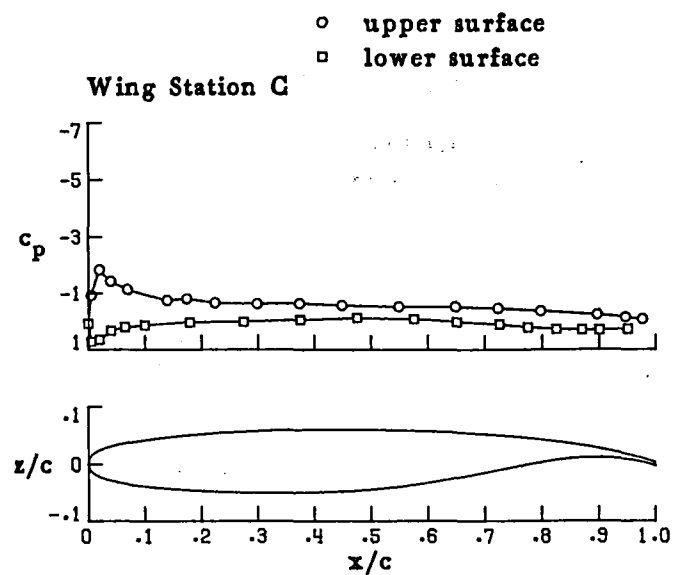
(a)  $\alpha = -6.155^\circ$

Figure 8. - Pressure distributions for aspect-ratio-12 cruise wing configuration with nacelles off. (Run 1)



(b)  $\alpha = -0.080^\circ$

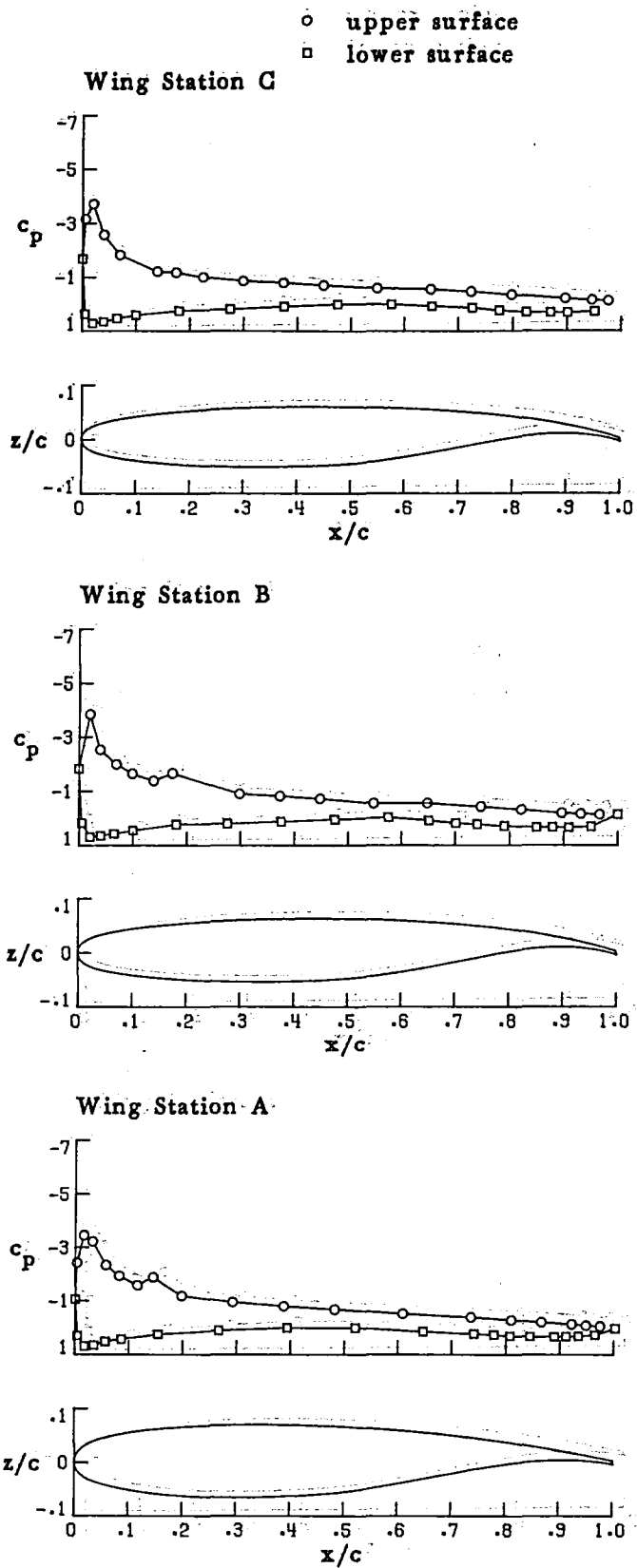
Figure 8.-Continued.



(c)  $\alpha = 3.967^\circ$

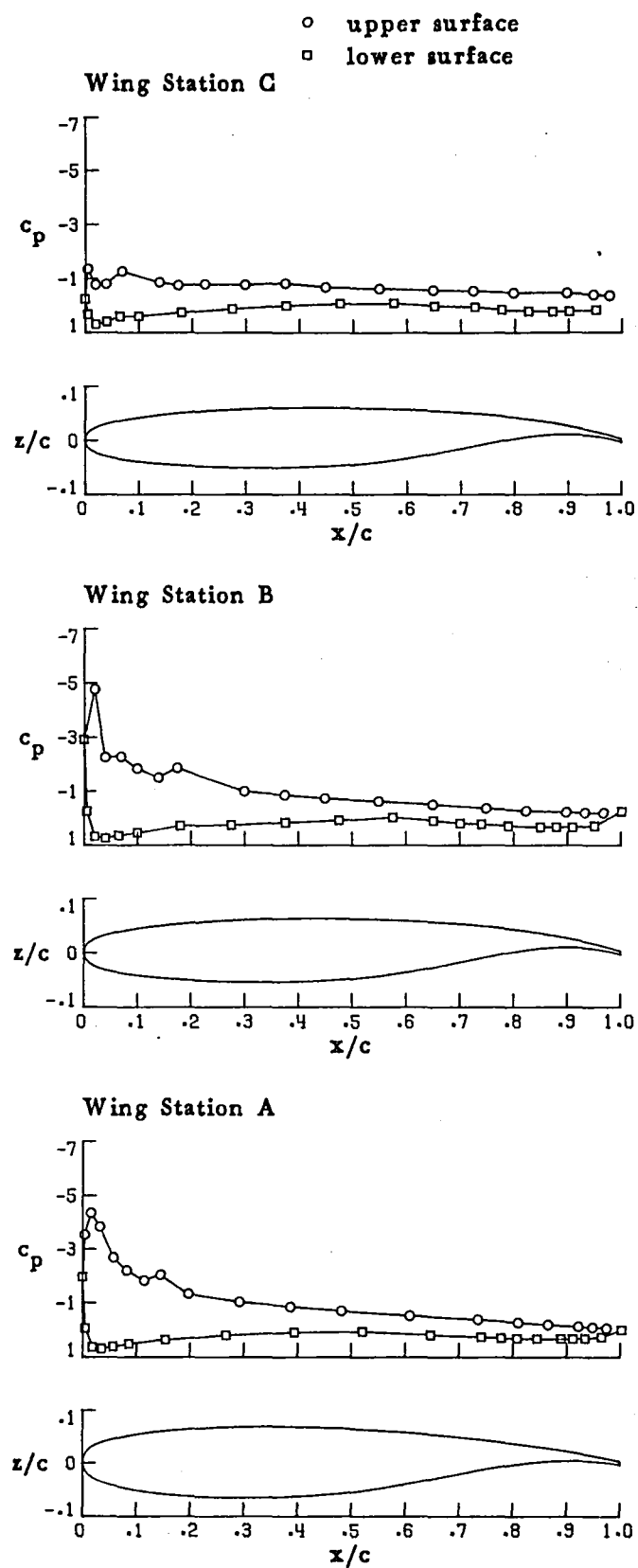
Figure 8.-Continued.





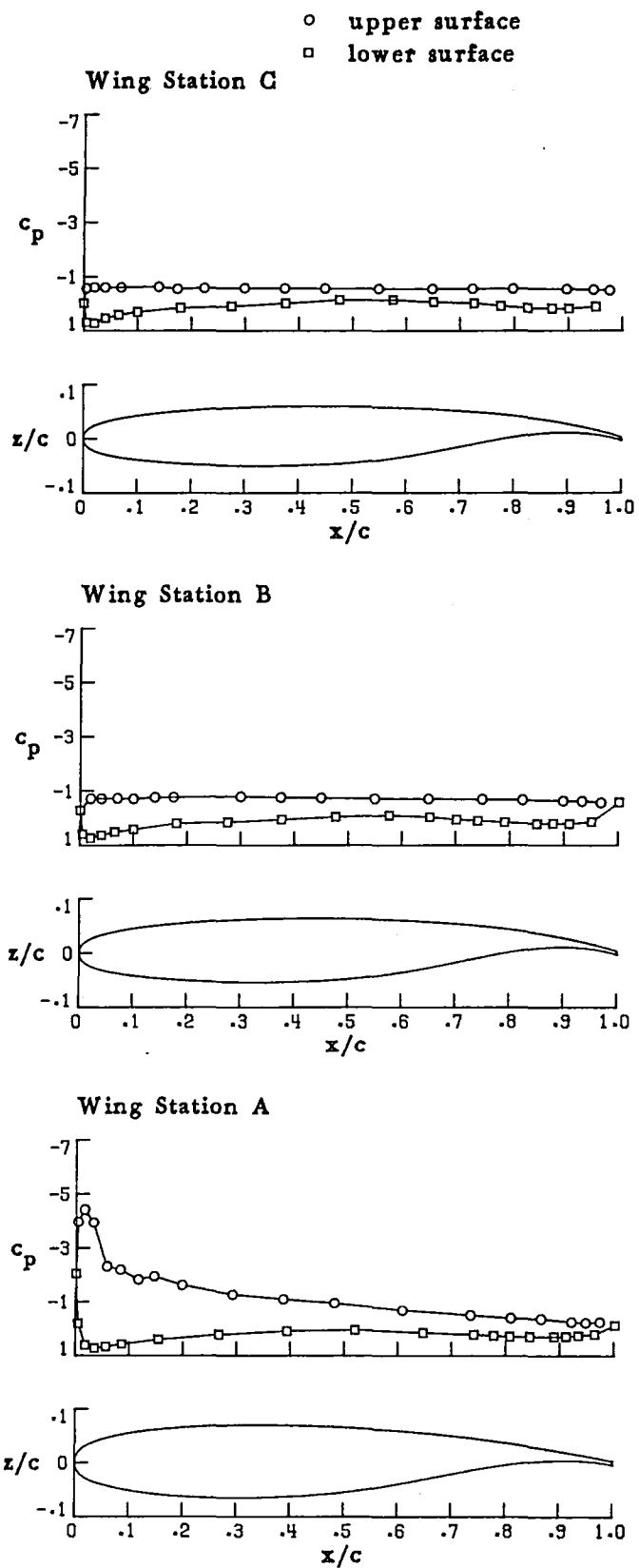
(d)  $\alpha = 8.042^\circ$

Figure 8-Continued.



(e)  $\alpha = 10.064^\circ$

Figure 8.-Continued.

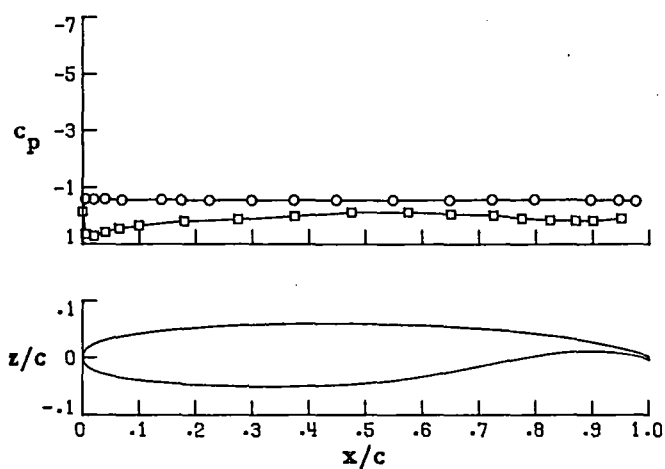


(f)  $\alpha = 12.077^\circ$

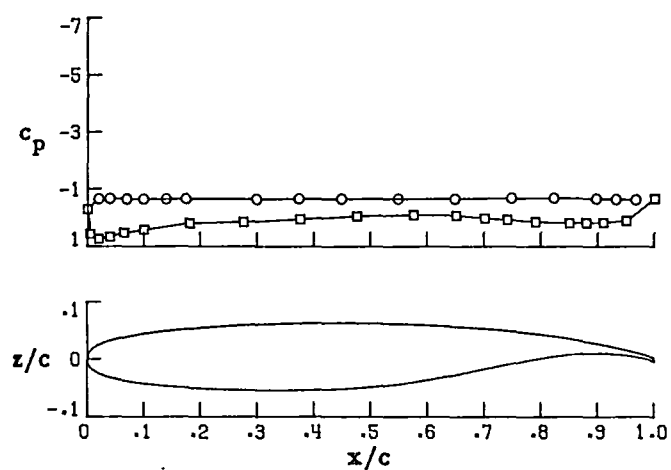
Figure 8.-Continued.

○ upper surface  
□ lower surface

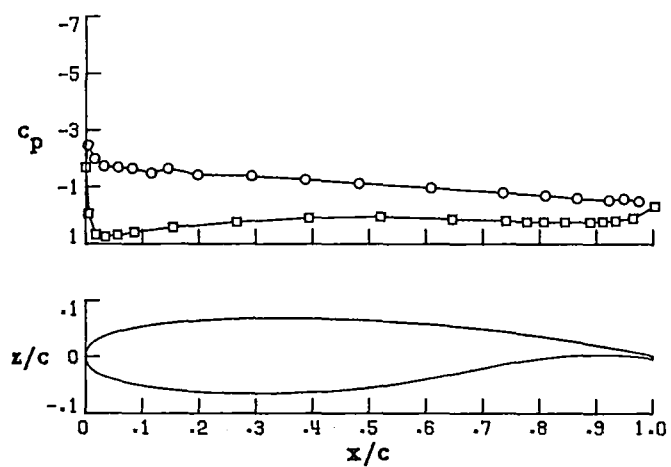
### Wing Station C



### Wing Station B

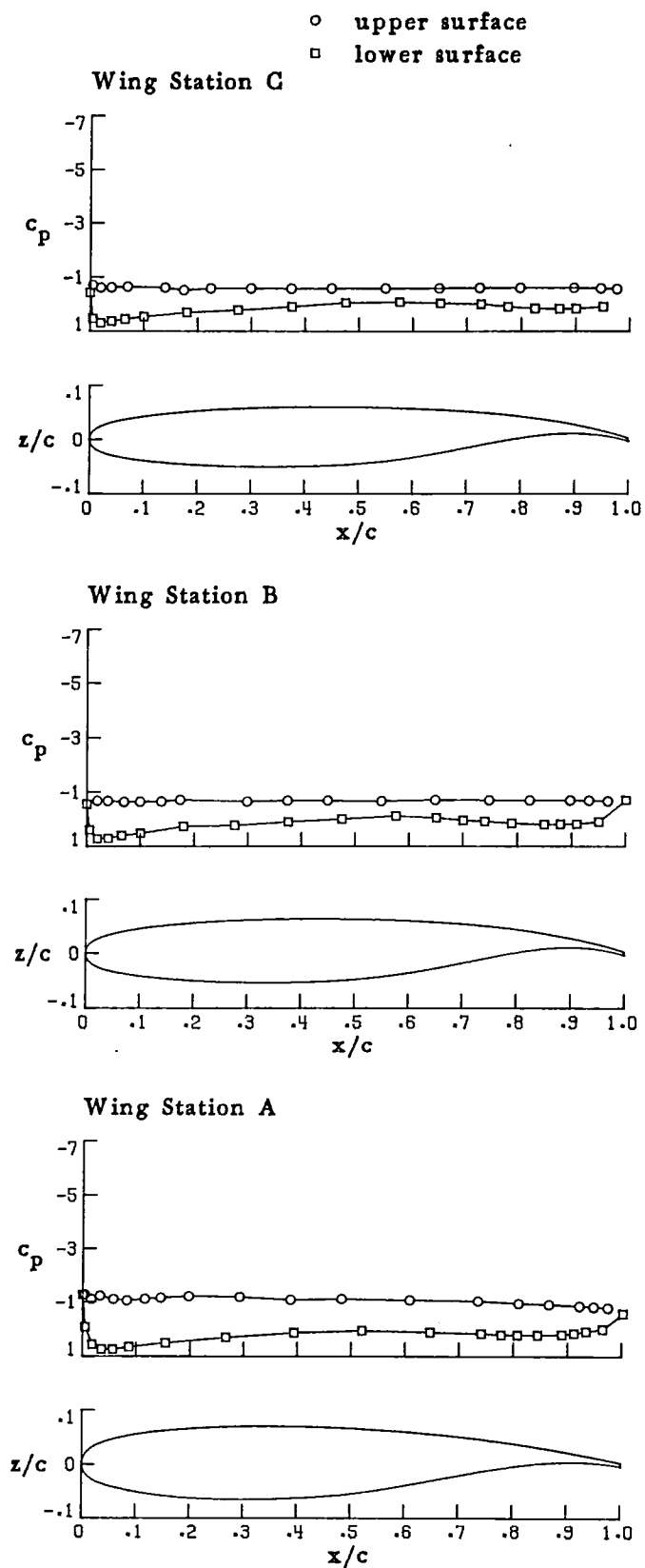


### Wing Station A



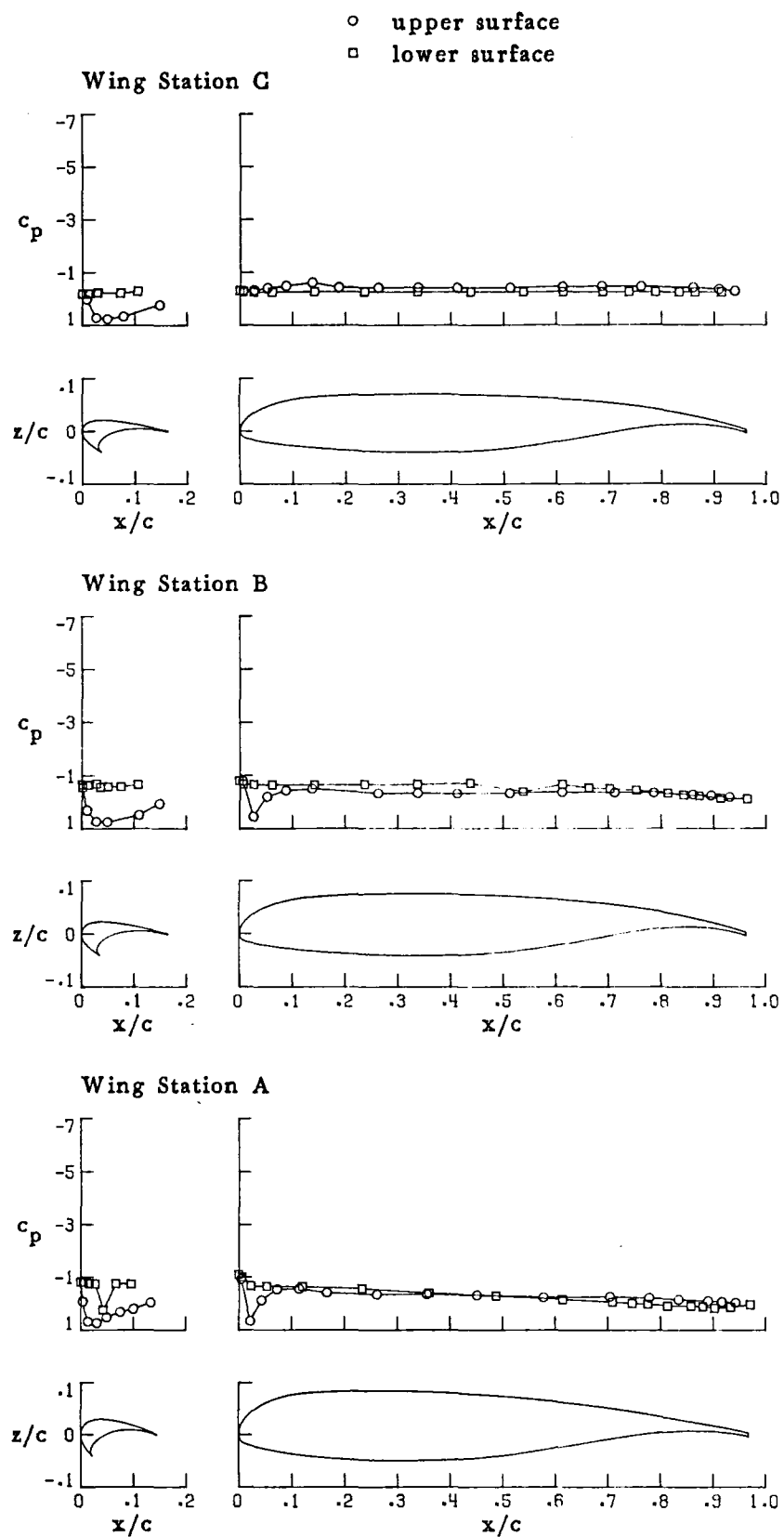
(g)  $\alpha = 14.057^\circ$

Figure 8.-Continued.



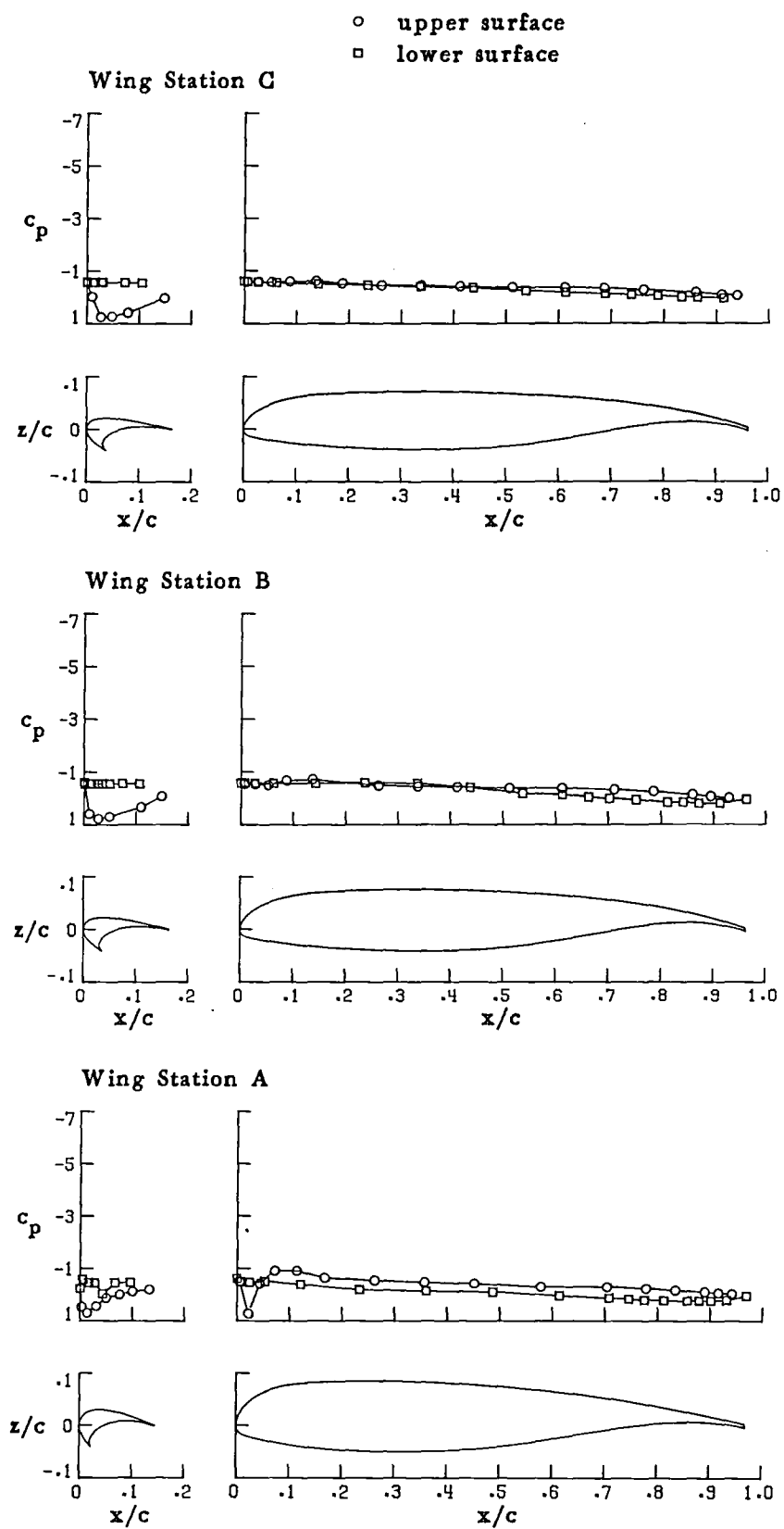
(h)  $\alpha = 18.085^\circ$

Figure 8.-Concluded.



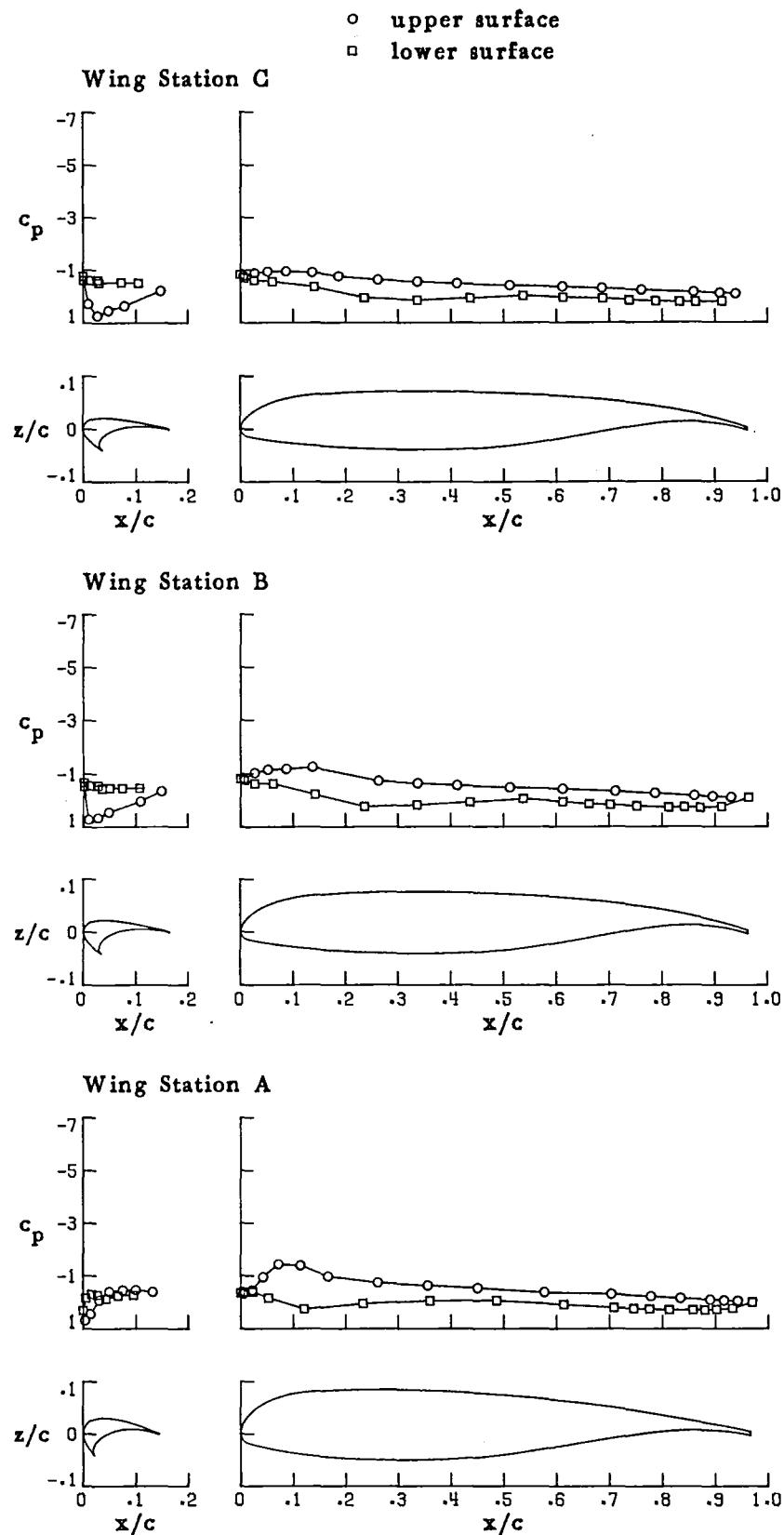
(a)  $\alpha = -4.107^\circ$

Figure 9. - Pressure distributions for aspect-ratio-10 climb wing configuration with  $-30^\circ$  deflection of inboard slat. (Run 21)



(b)  $\alpha = .012^\circ$

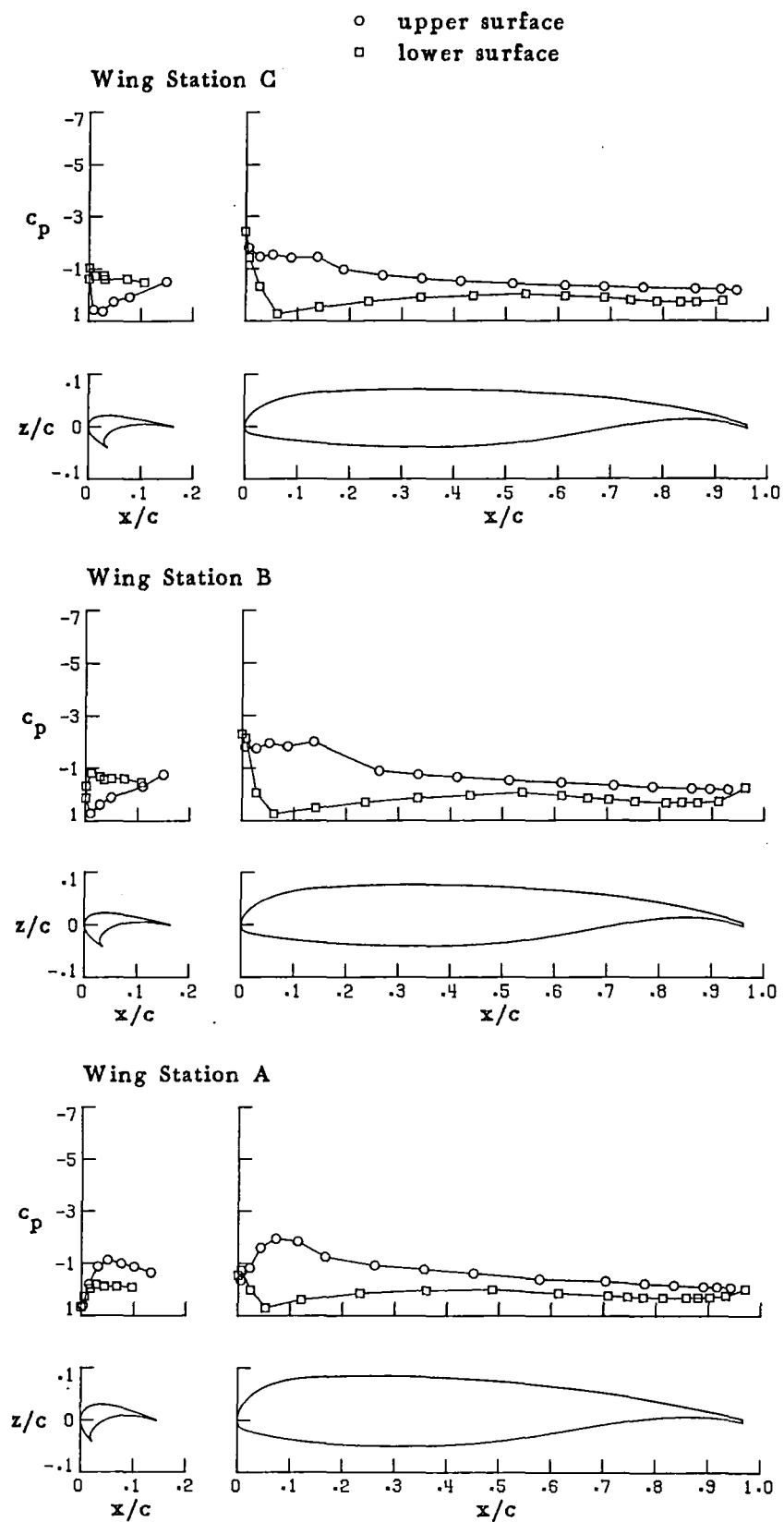
Figure 9.-Continued.



(c)  $\alpha = 4.080^\circ$

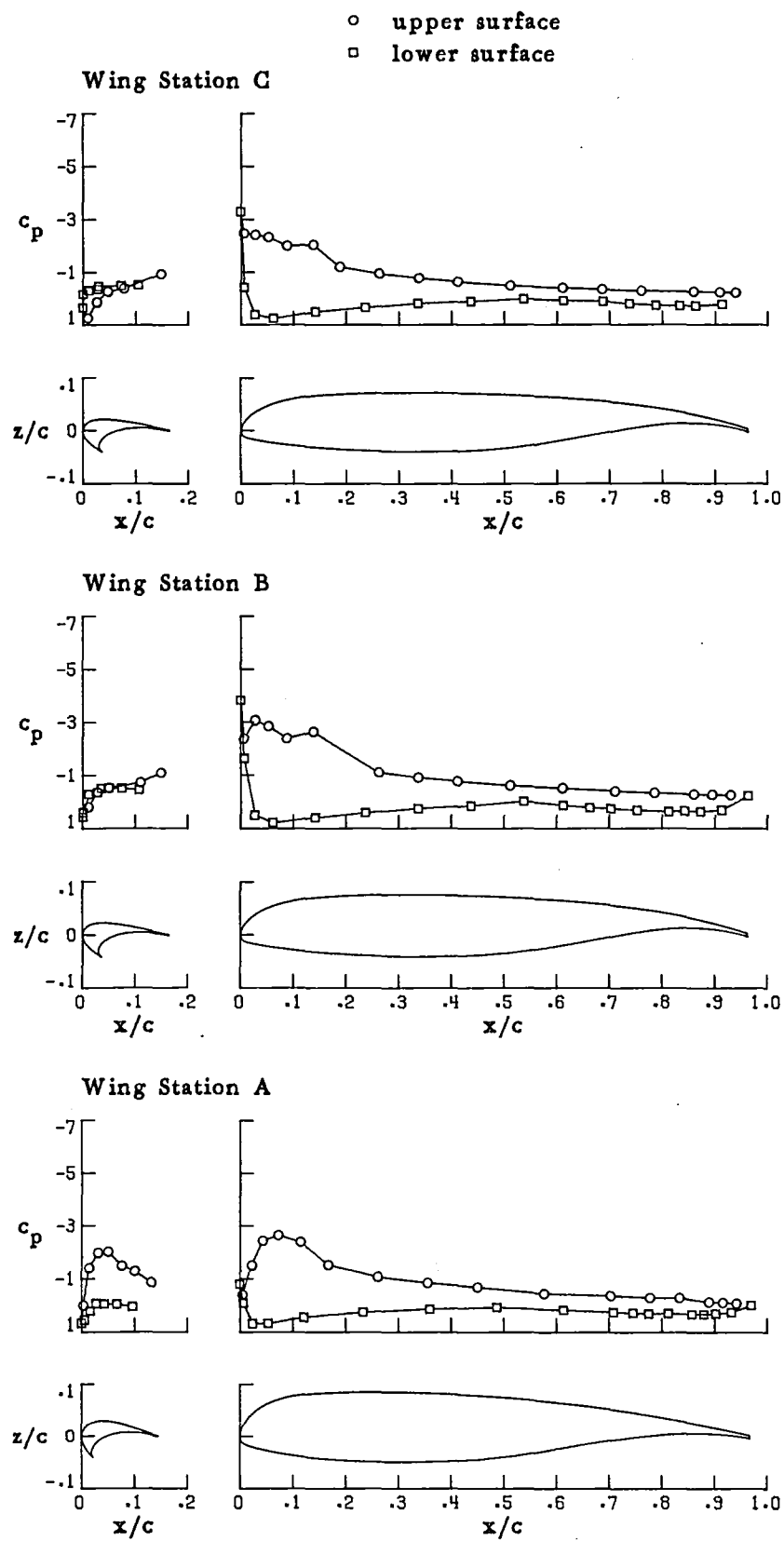
Figure 9.-Continued.





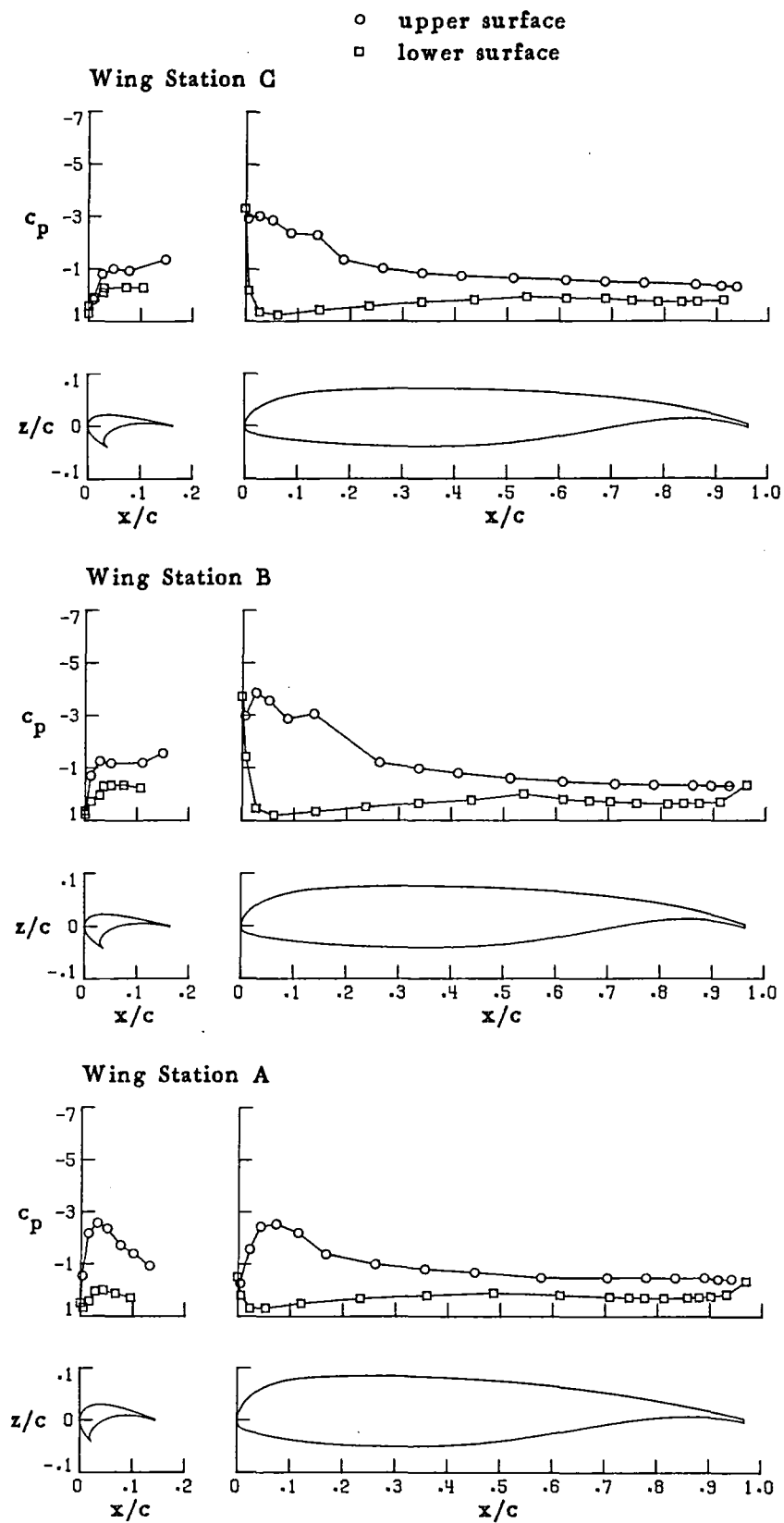
(d)  $\alpha = 8.122^\circ$

Figure 9.-Continued.



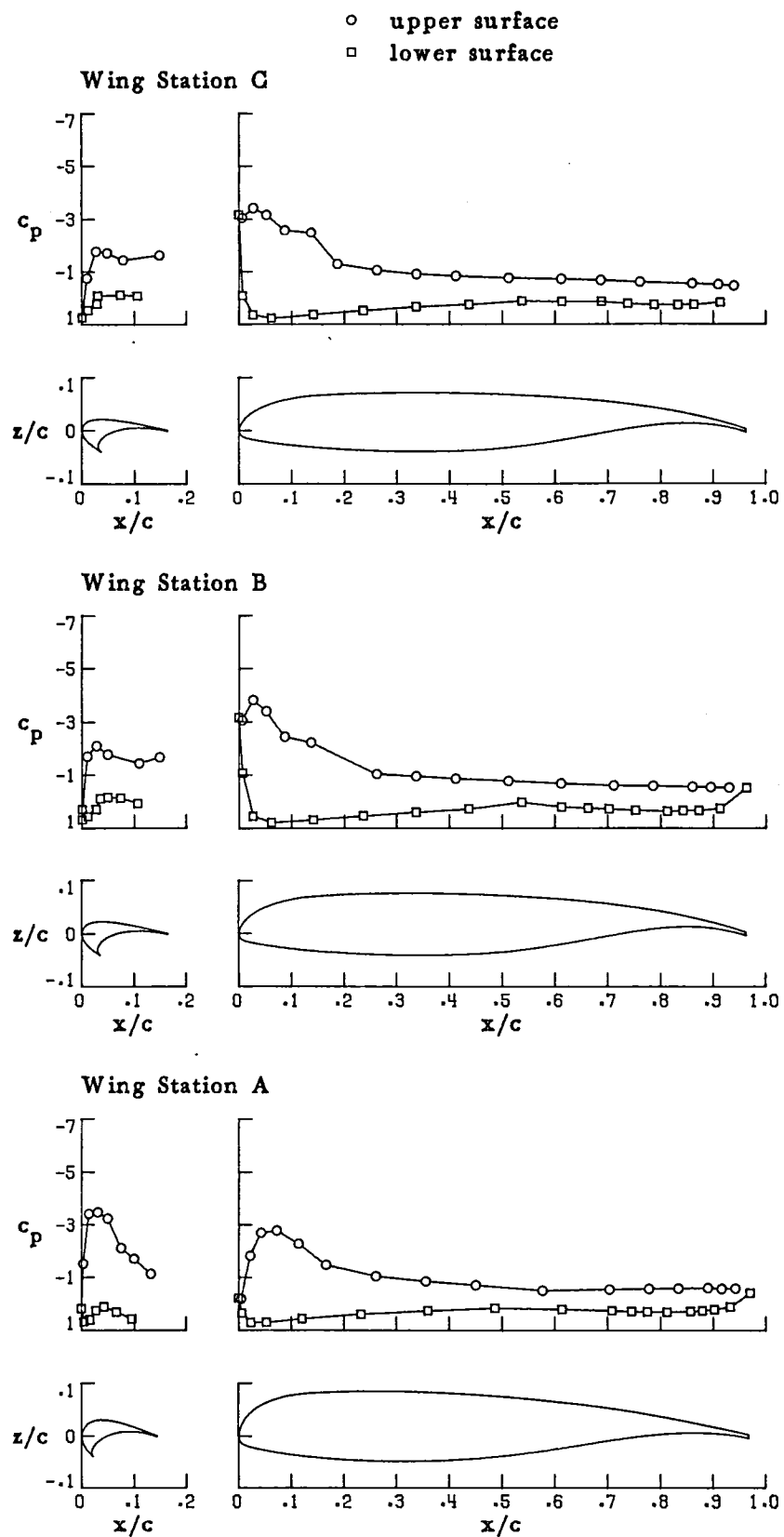
(e)  $\alpha = 12.214^\circ$

Figure 9.-Continued.



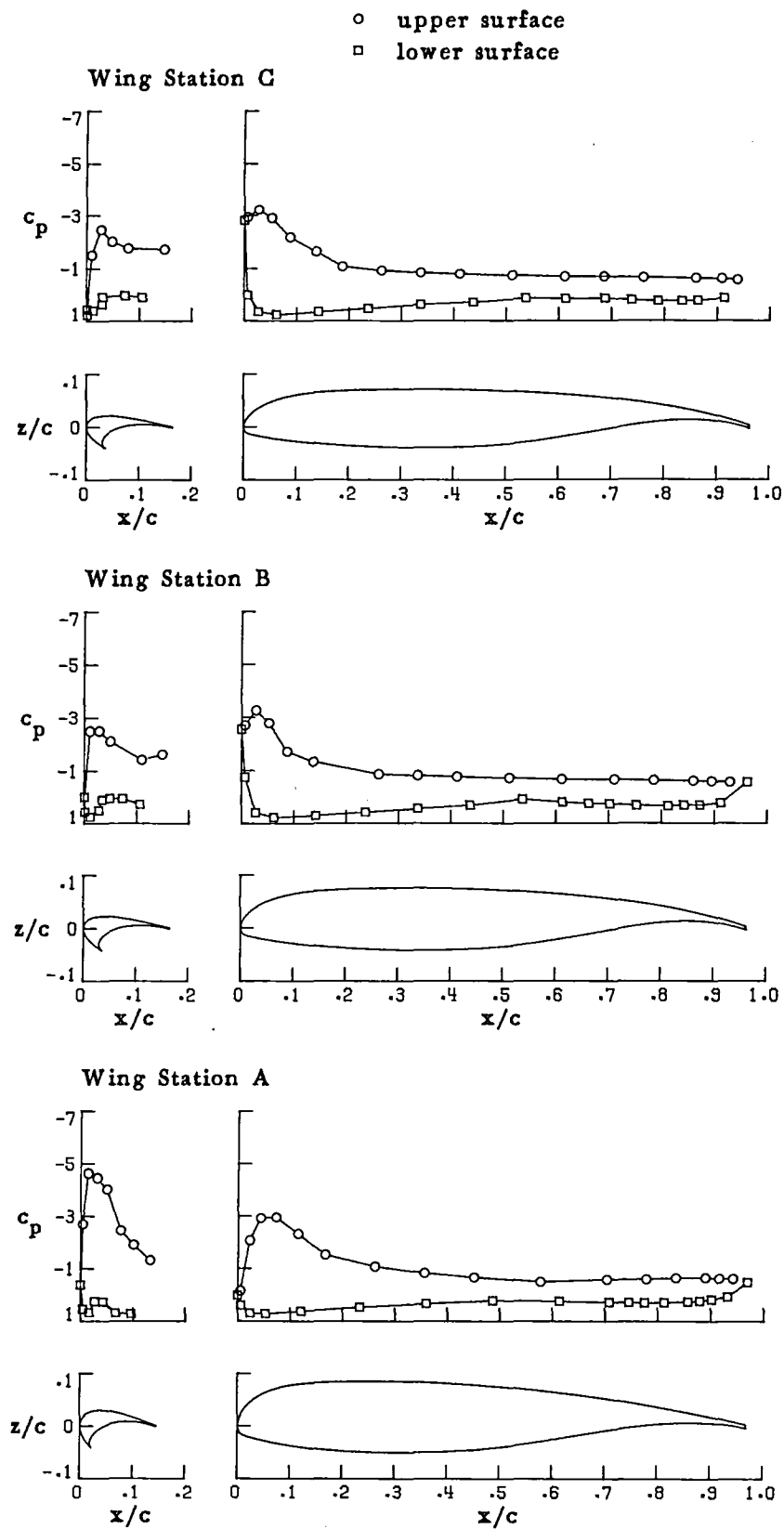
(f)  $\alpha = 16.277^\circ$

Figure 9.-Continued.



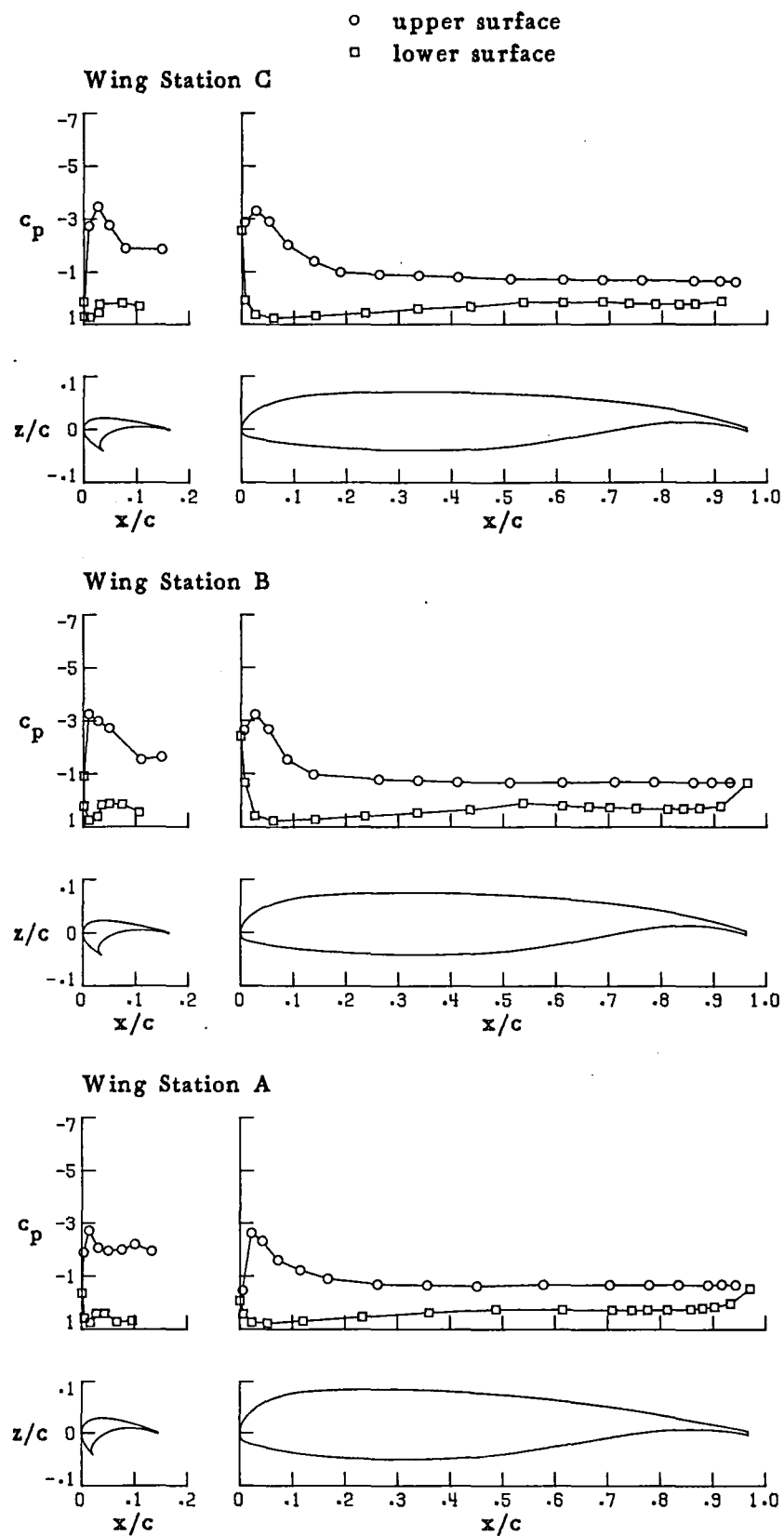
(g)  $\alpha = 20.301^\circ$

Figure 9.-Continued.



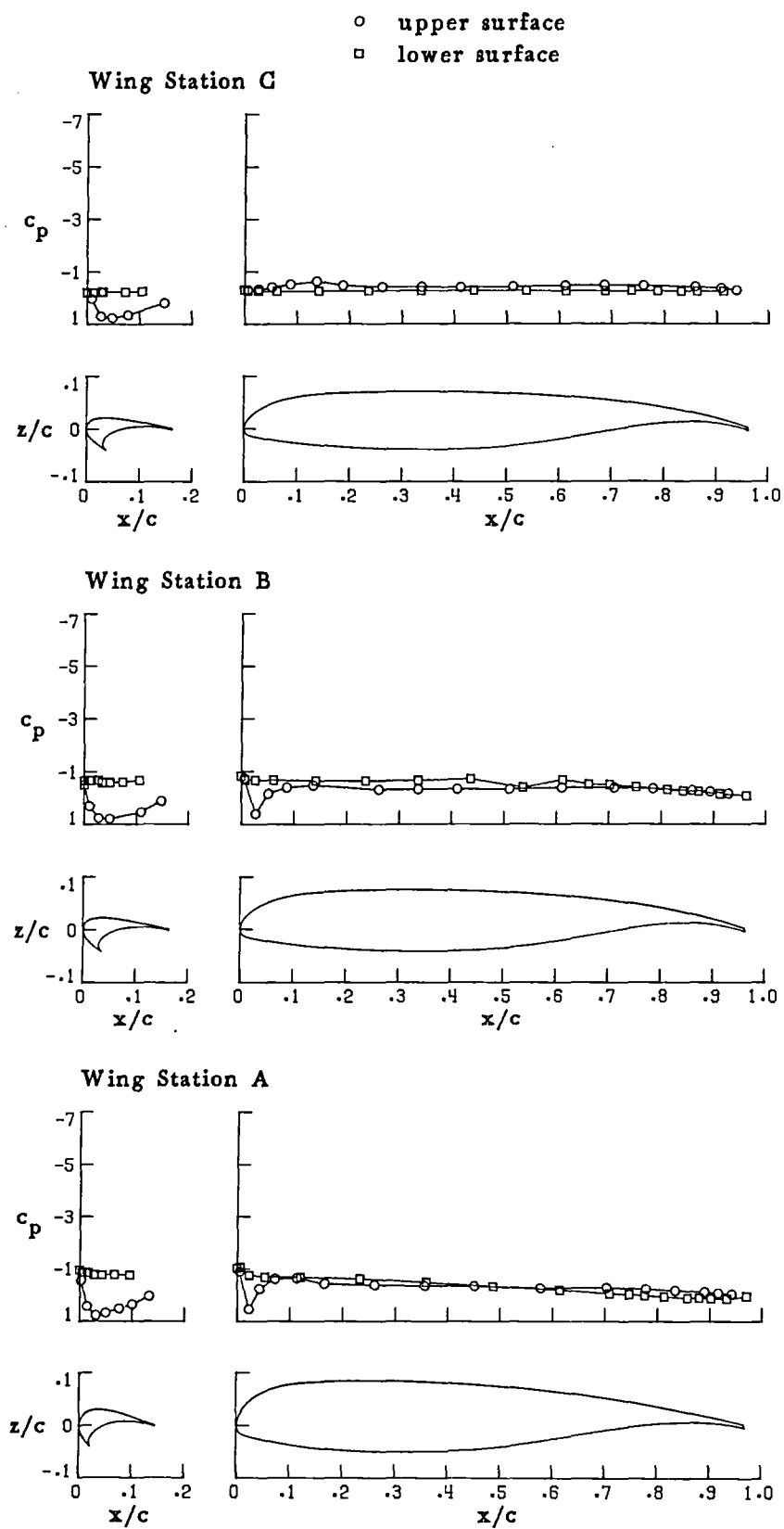
(h)  $\alpha = 24.327^\circ$

Figure 9.-Continued.



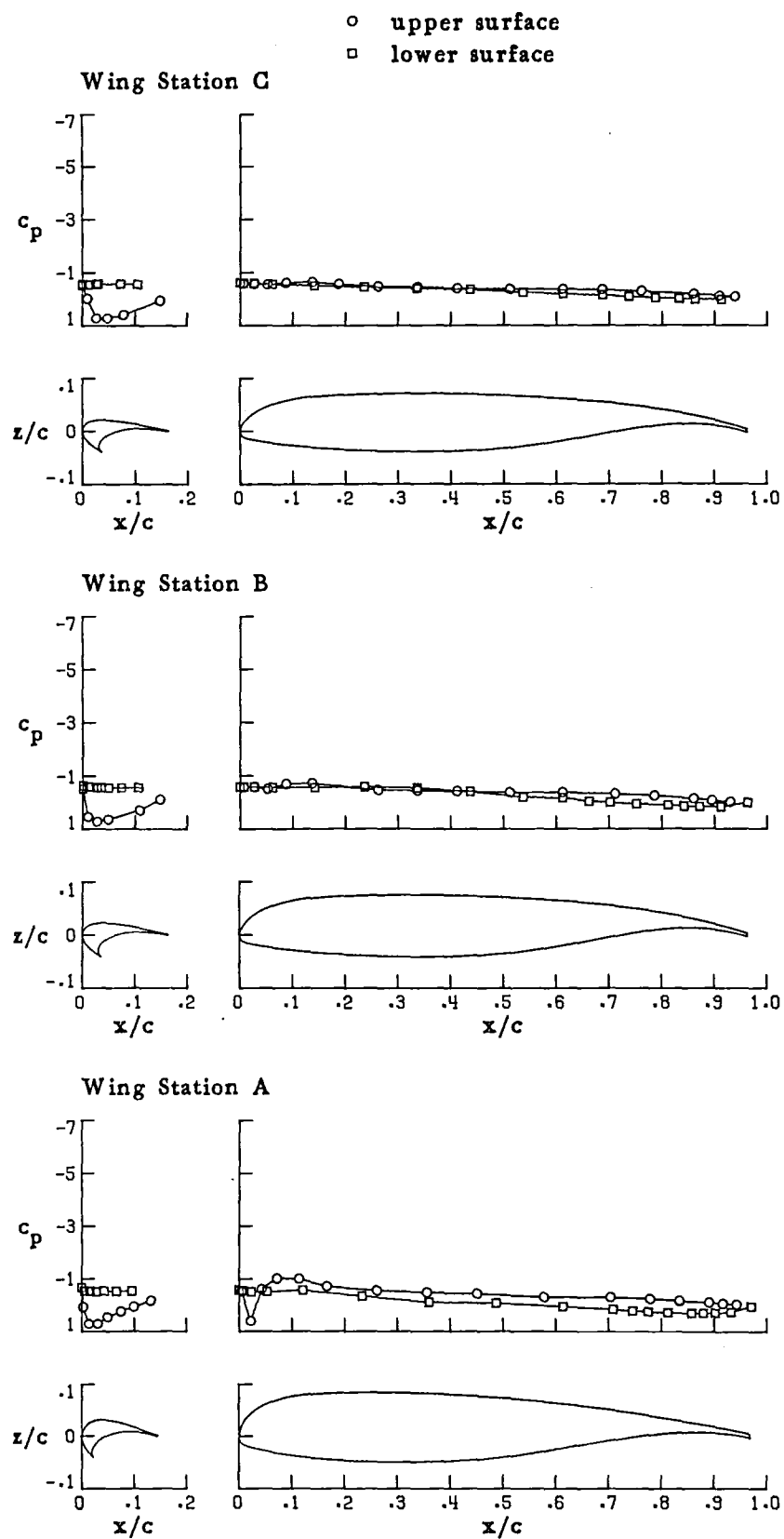
(i)  $\alpha = 28.372^\circ$

Figure 9.-Concluded.



(a)  $\alpha = -4.010^\circ$

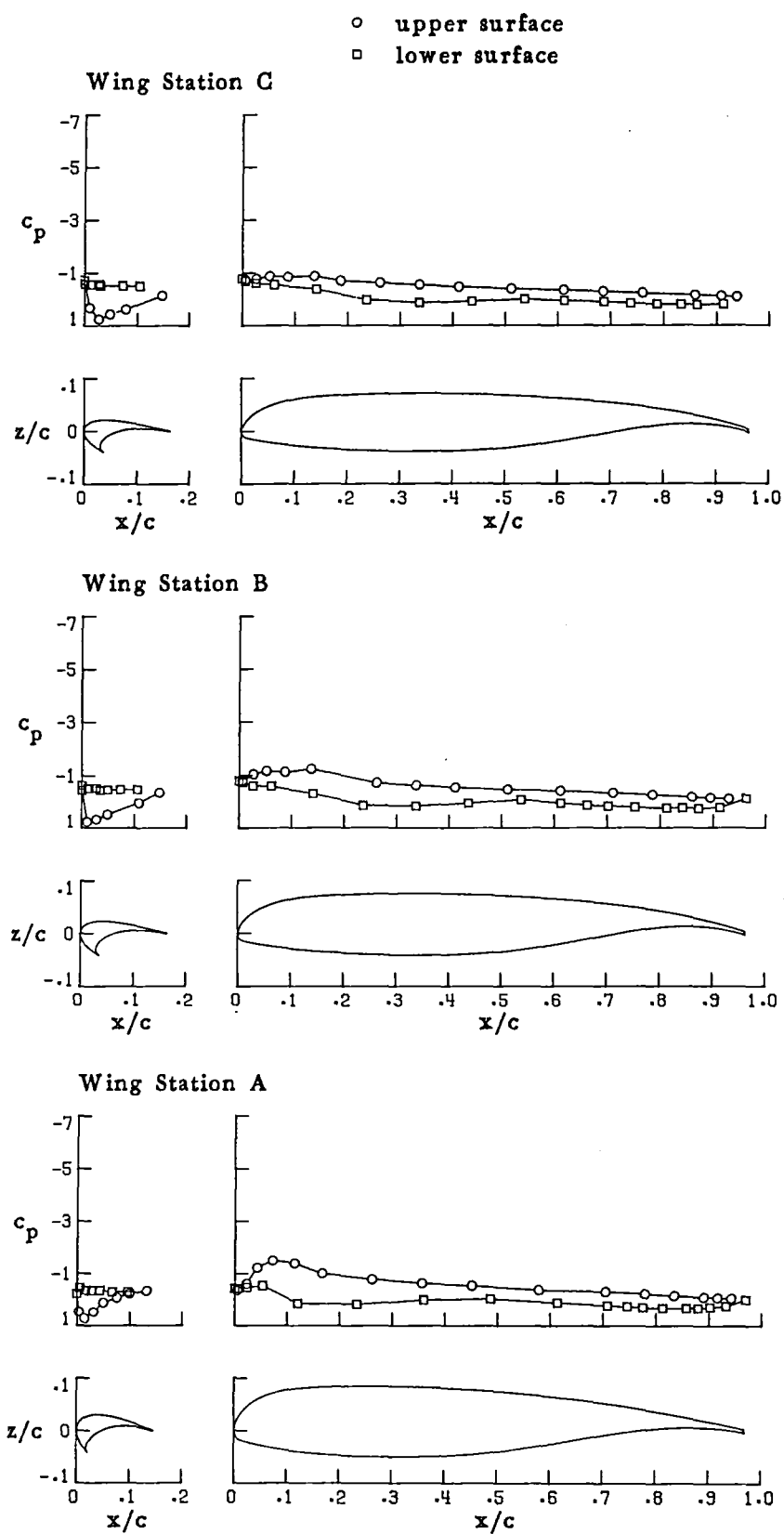
Figure 10. - Pressure distributions for aspect-ratio-10 climb wing configuration with  $-4.0^\circ$  deflection of inboard slat. (Run 20)



(b)  $\alpha = .002^\circ$

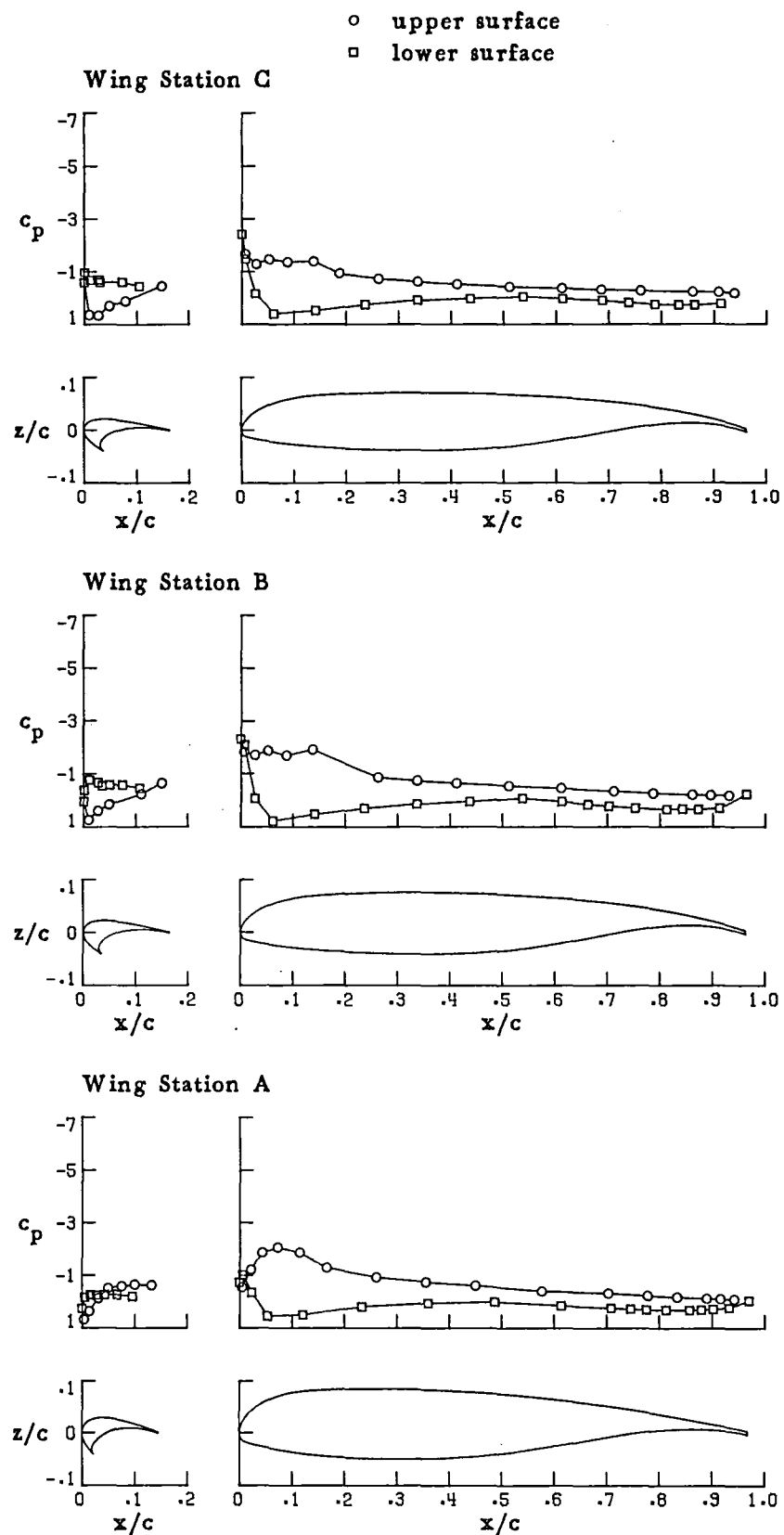
Figure 10.-Continued.





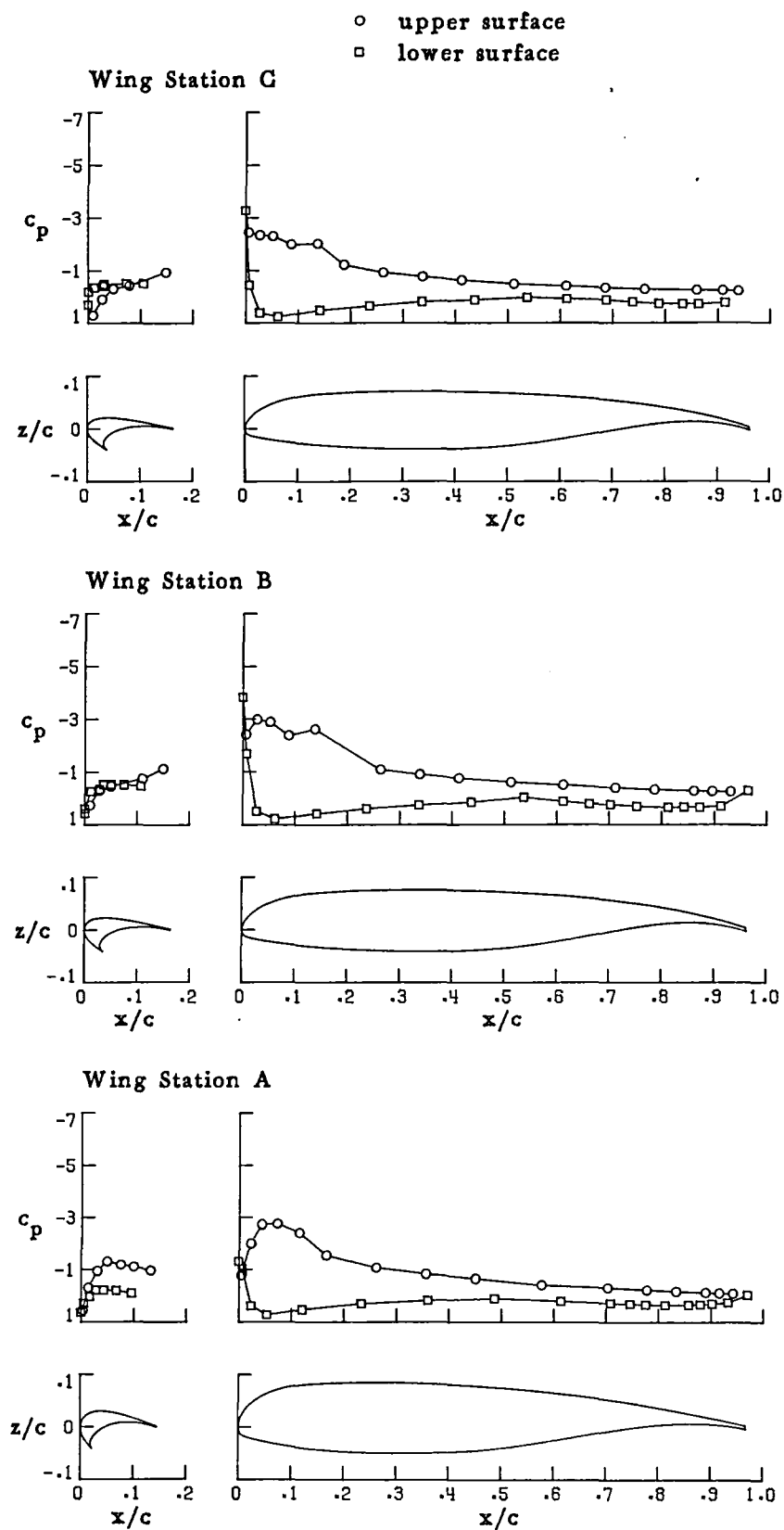
(c)  $\alpha = 4.070^\circ$

Figure 10.-Continued.



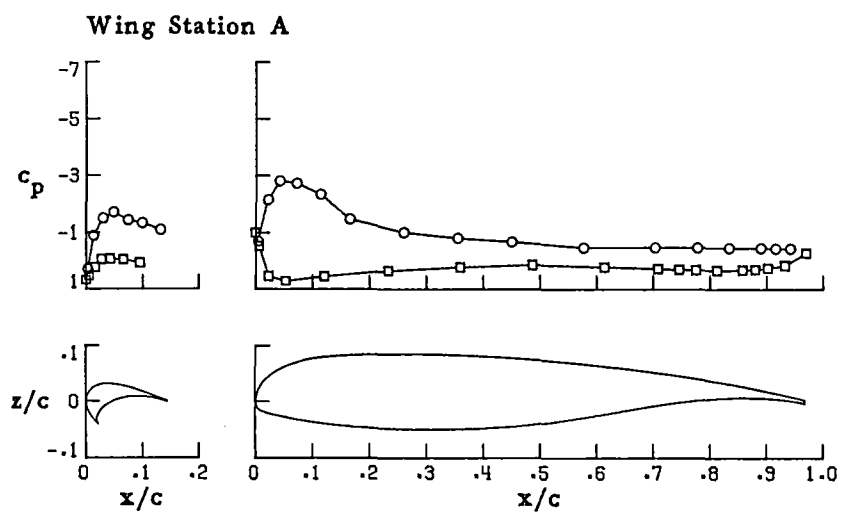
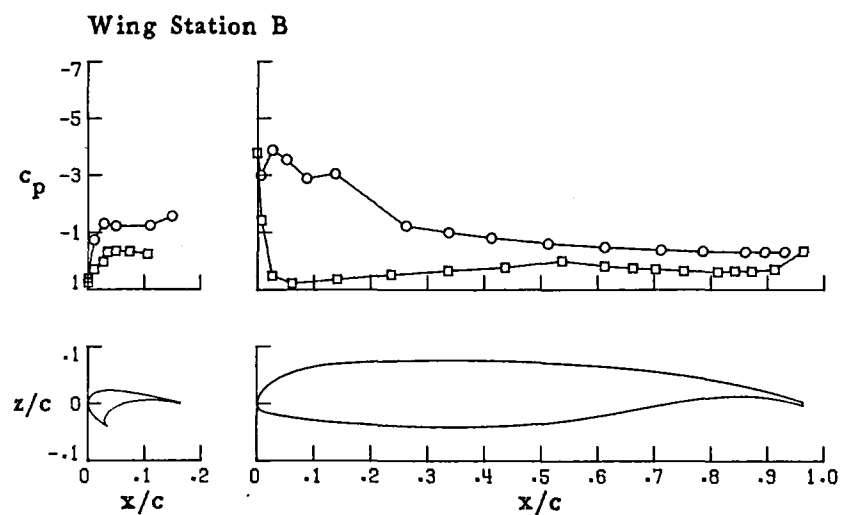
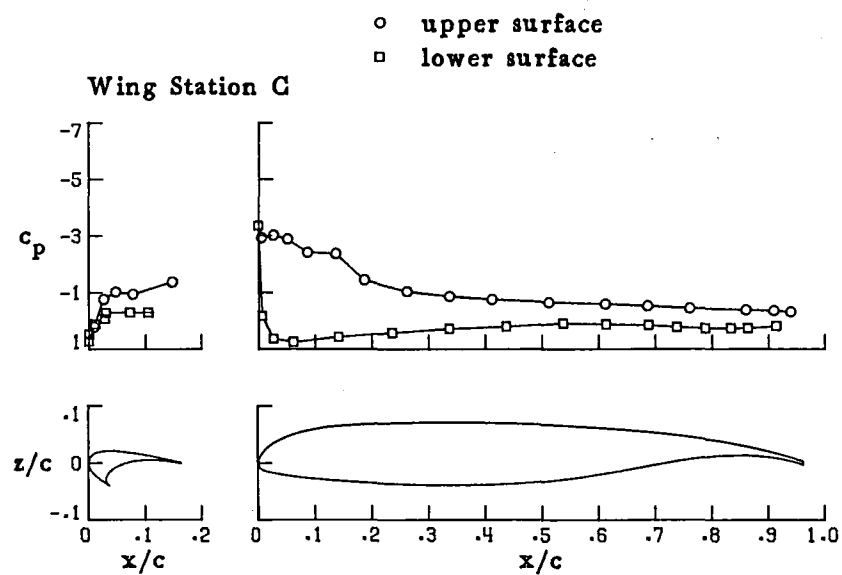
(d)  $\alpha = 8.129^\circ$

Figure 10.-Continued.



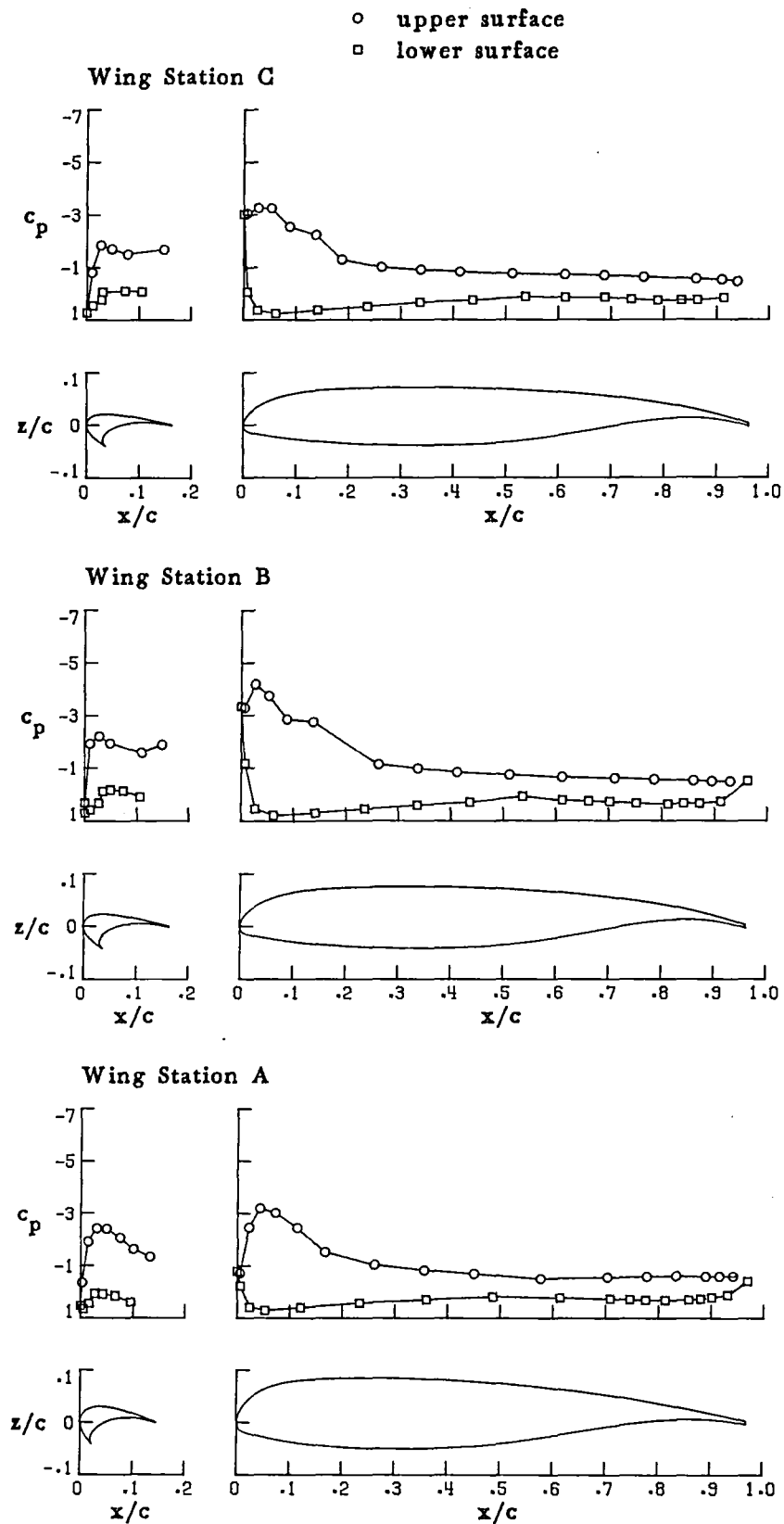
(e)  $\alpha = 12.184^\circ$

Figure 10.-Continued.



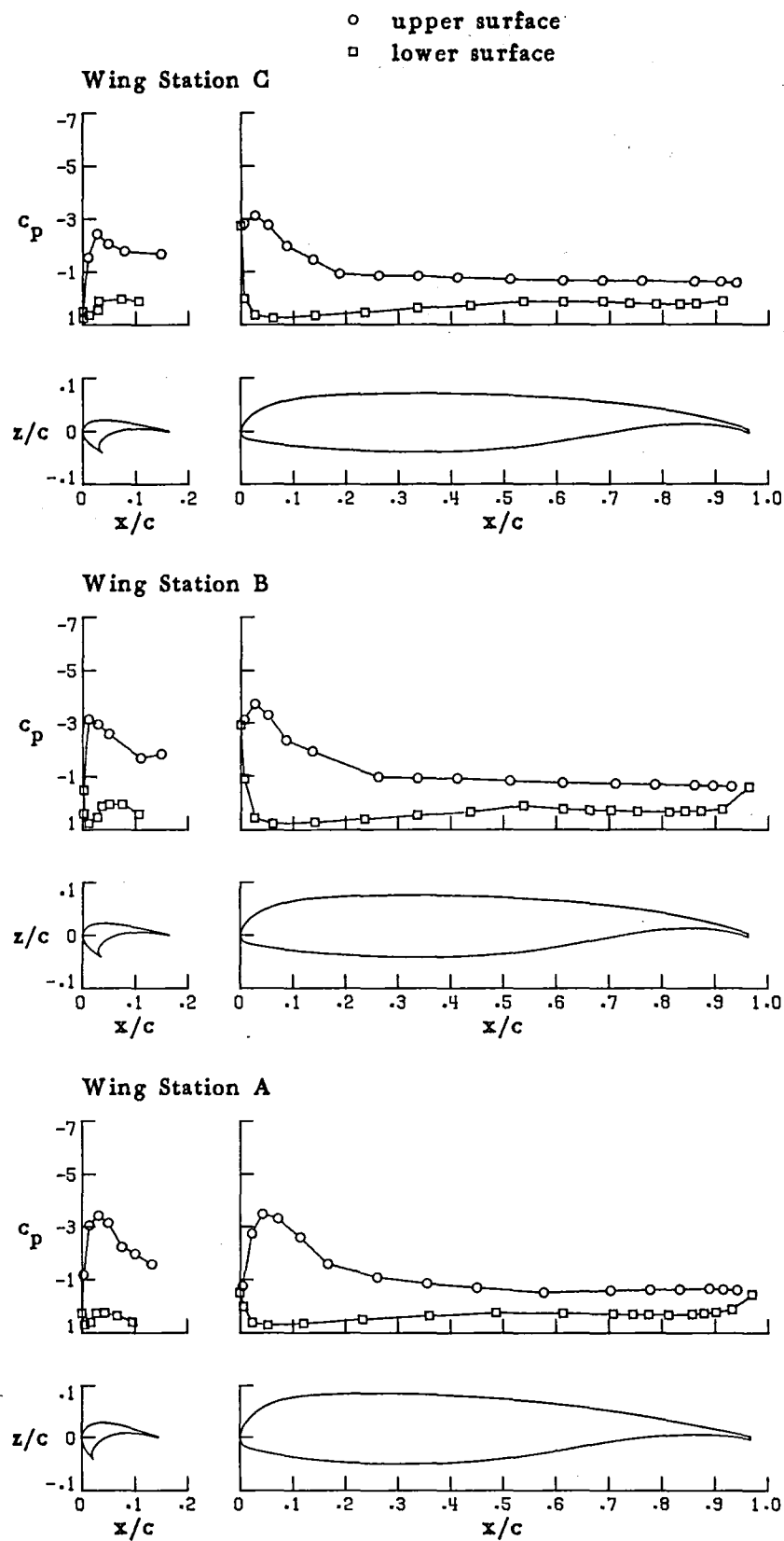
(f)  $\alpha = 16.285^\circ$

Figure 10.-Continued.



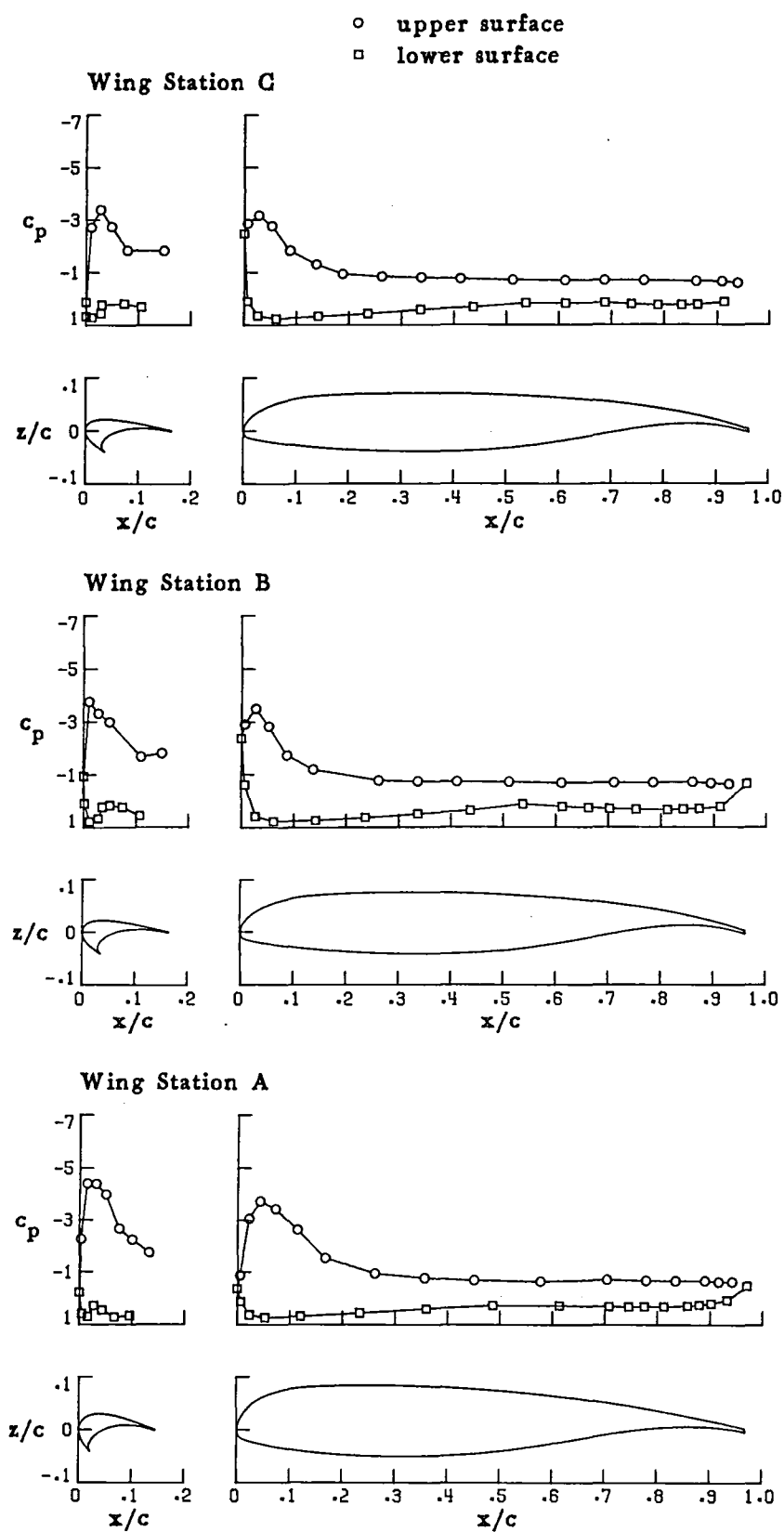
(g)  $\alpha = 20.276^\circ$

Figure 10.-Continued.



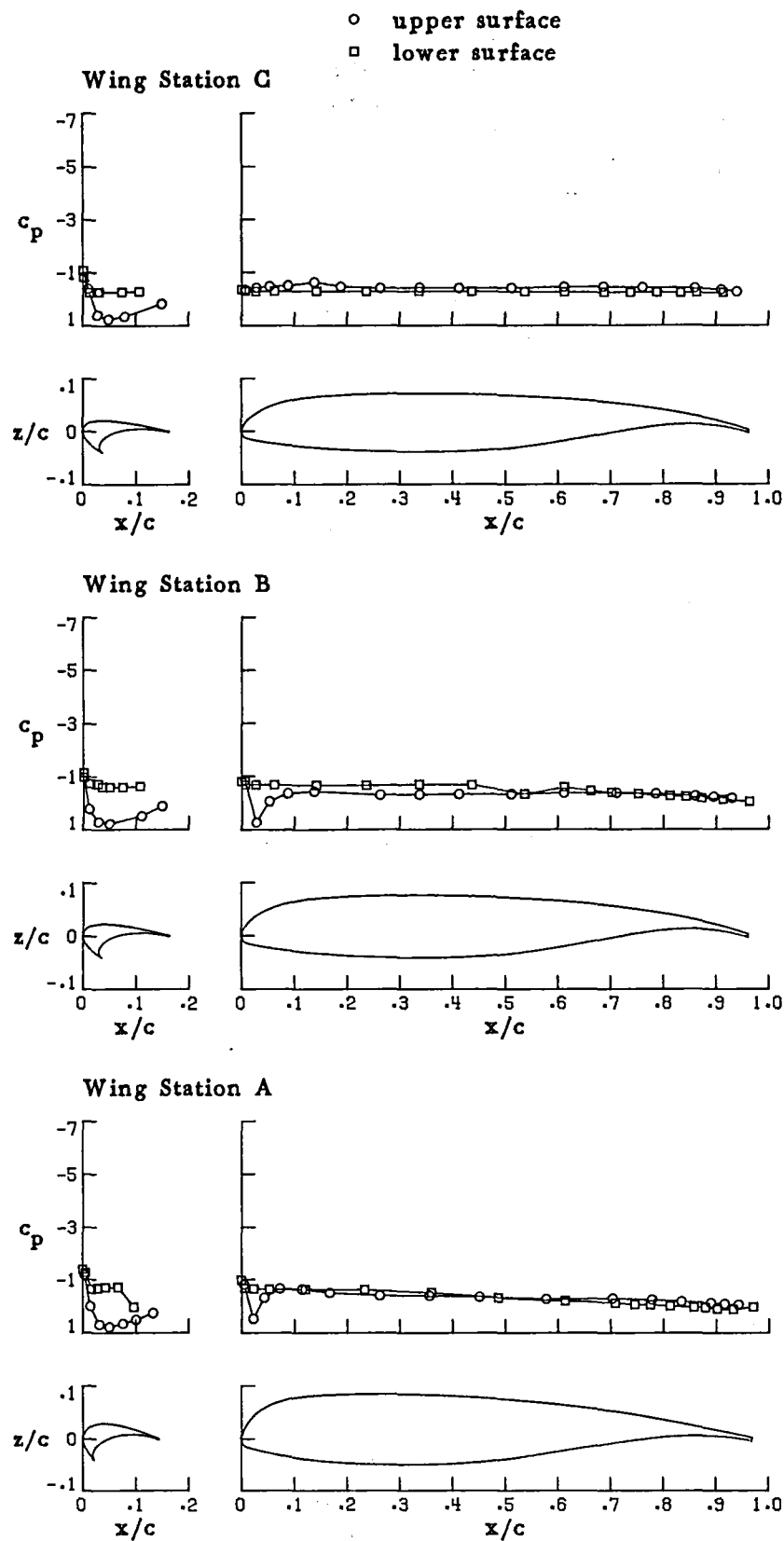
(h)  $\alpha = 24.345^\circ$

Figure 10.-Continued.



(i)  $\alpha = 28.310^\circ$

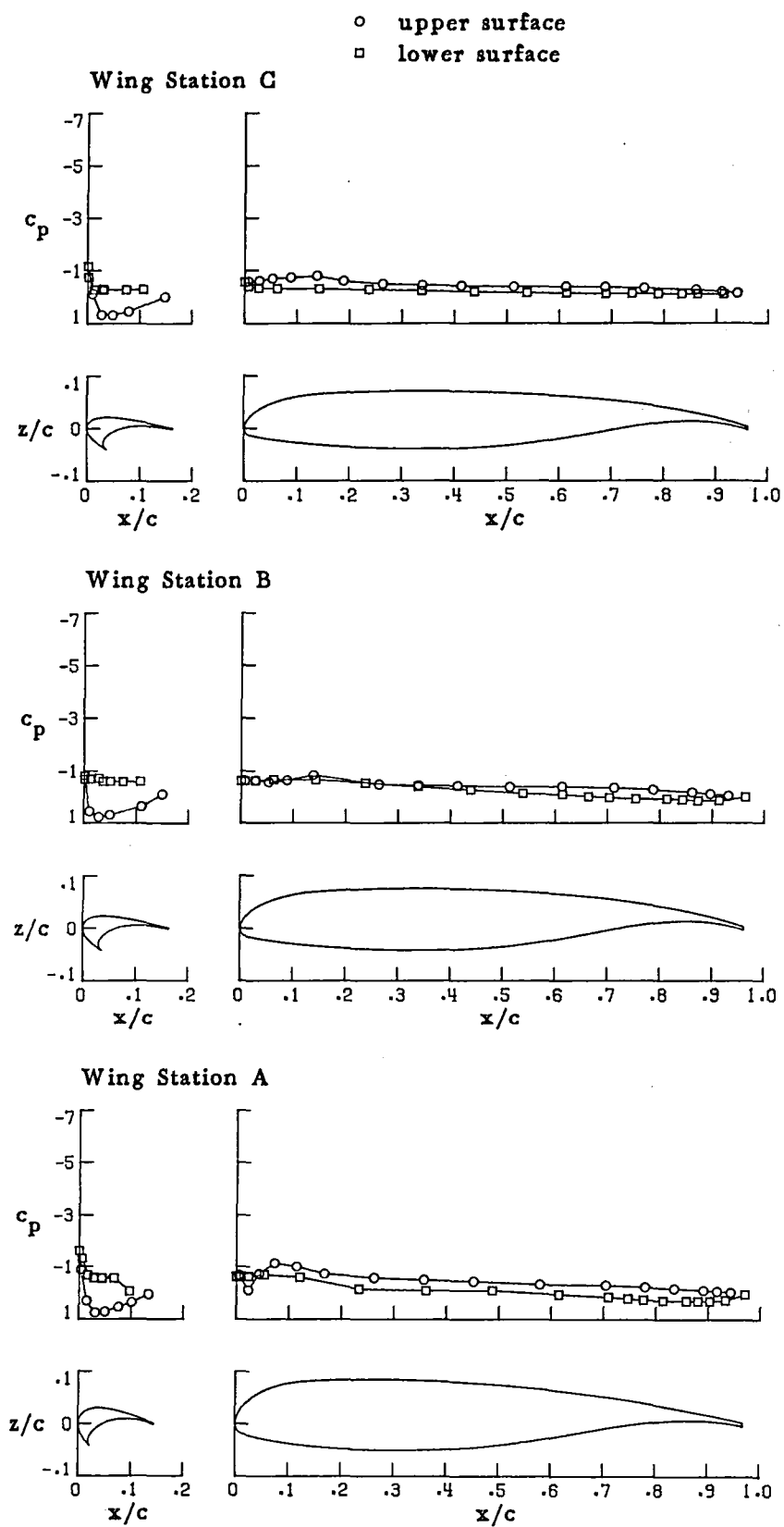
Figure 10.-Concluded.



(a)  $\alpha = -4.063^\circ$

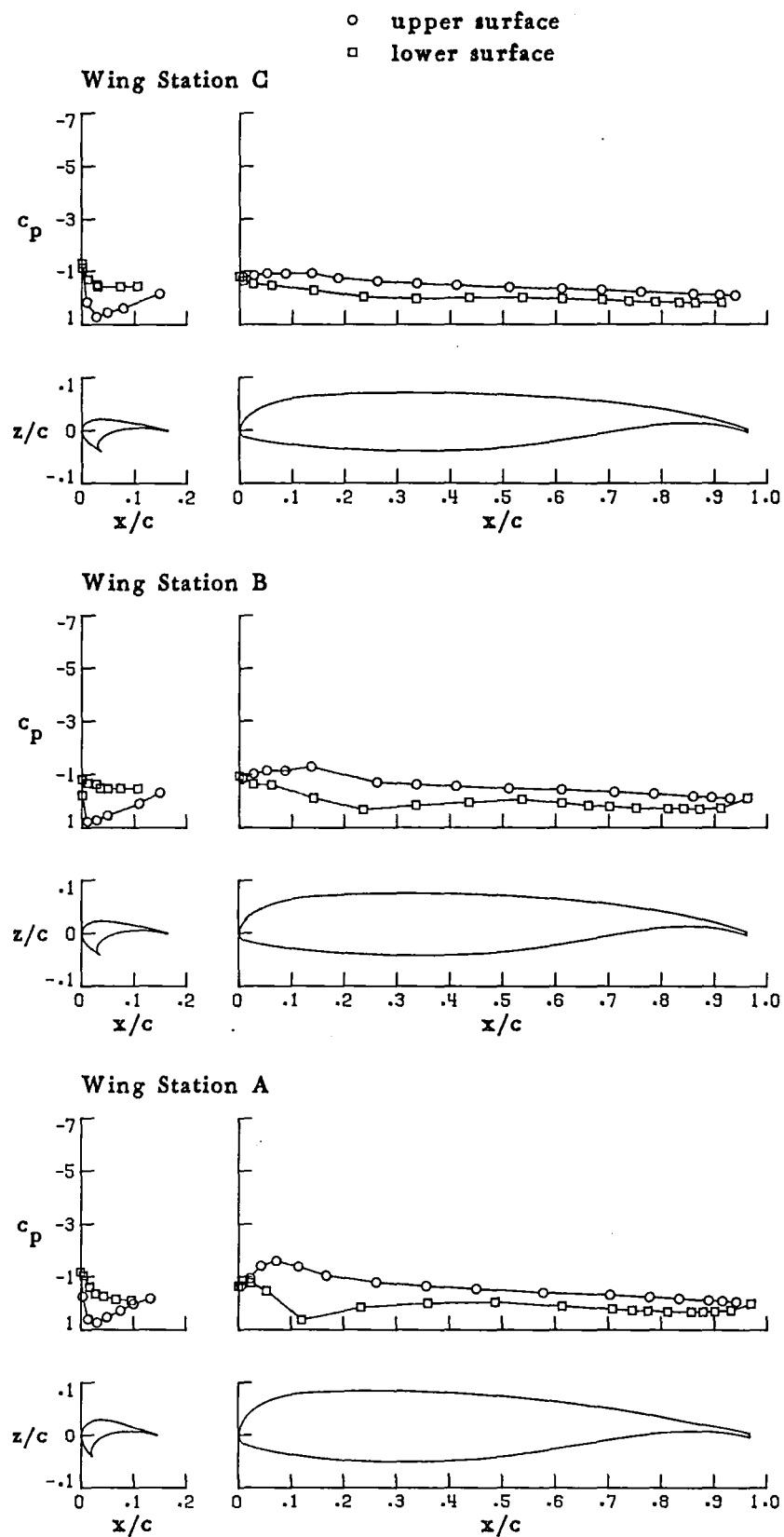
Figure 11. - Pressure distributions for aspect-ratio-10 climb wing configuration with  $-50^\circ$  deflection of inboard slat. (Run 13)





(b)  $\alpha = -0.035^\circ$

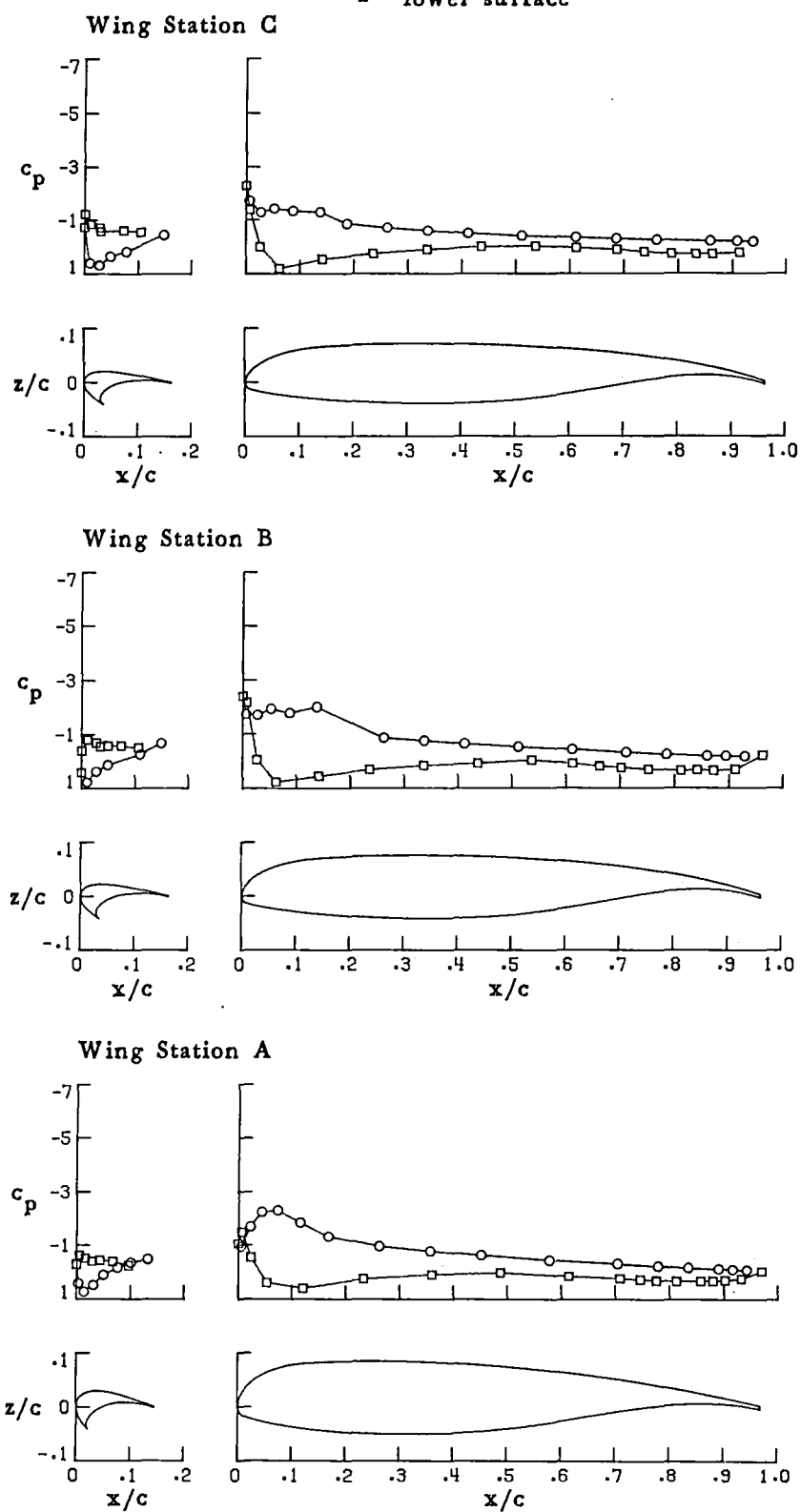
Figure 11.-Continued.



(c)  $\alpha = 4.025^\circ$

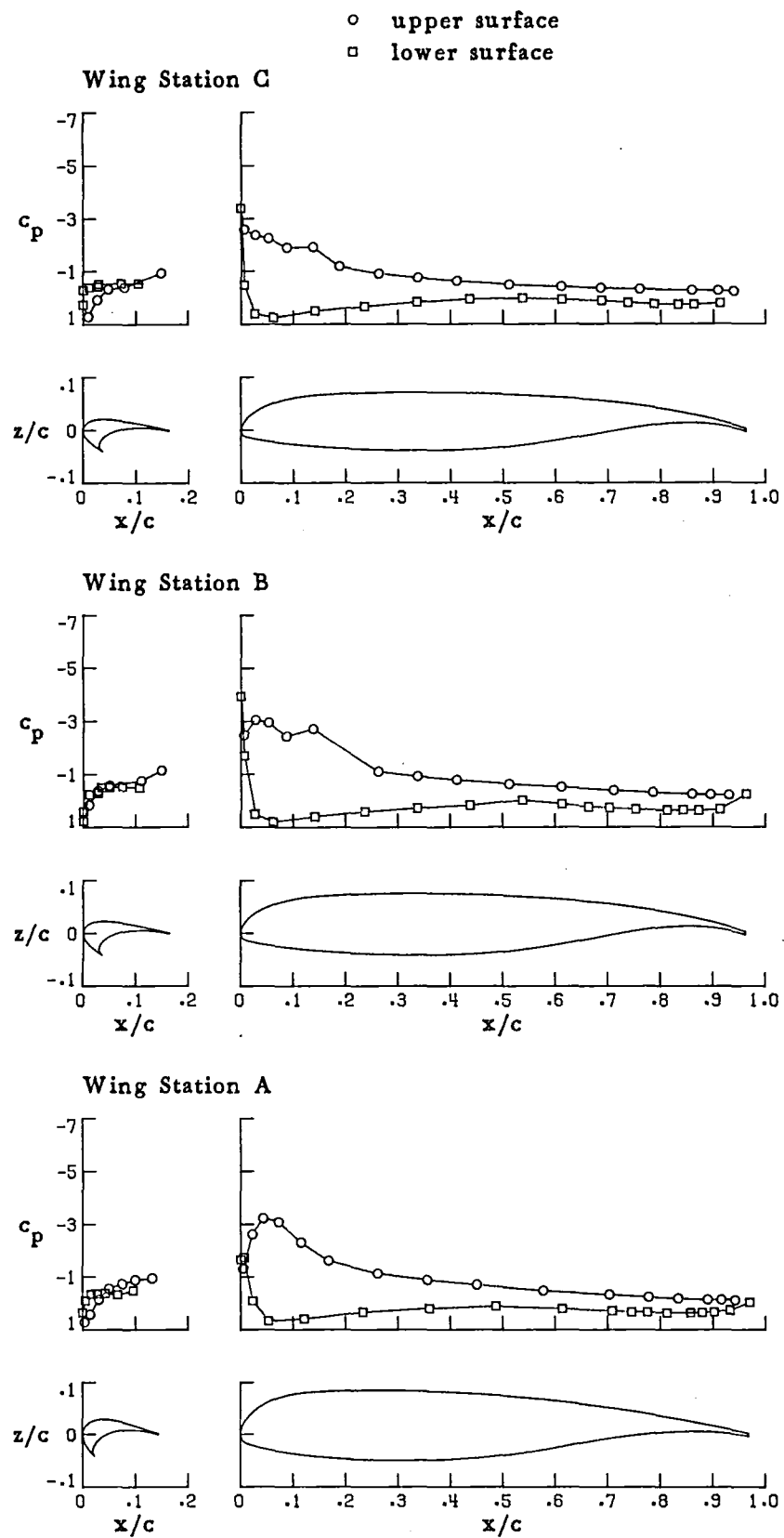
Figure 11.-Continued.

○ upper surface  
□ lower surface



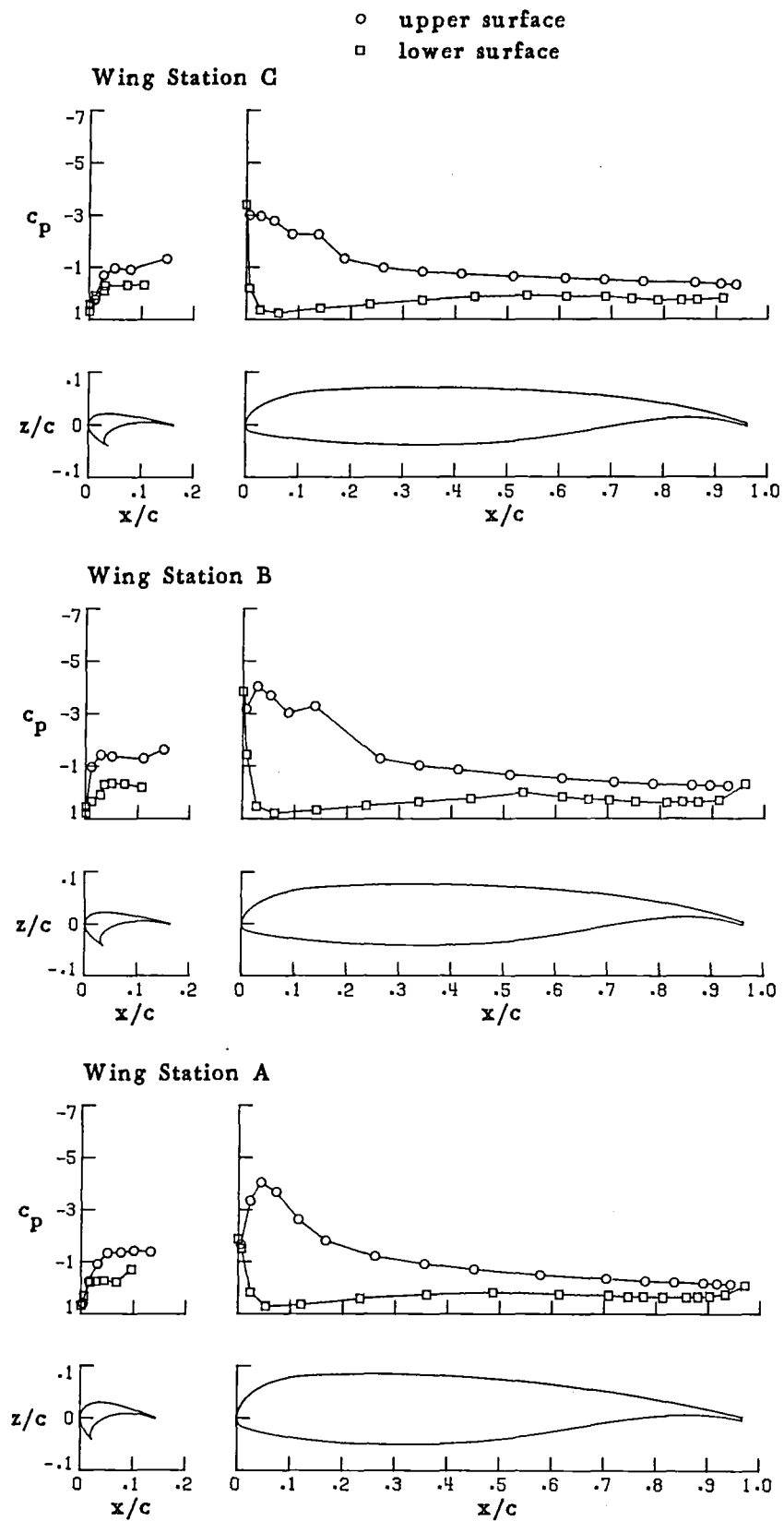
(d)  $\alpha = 8.147^\circ$

Figure 11.-Continued.



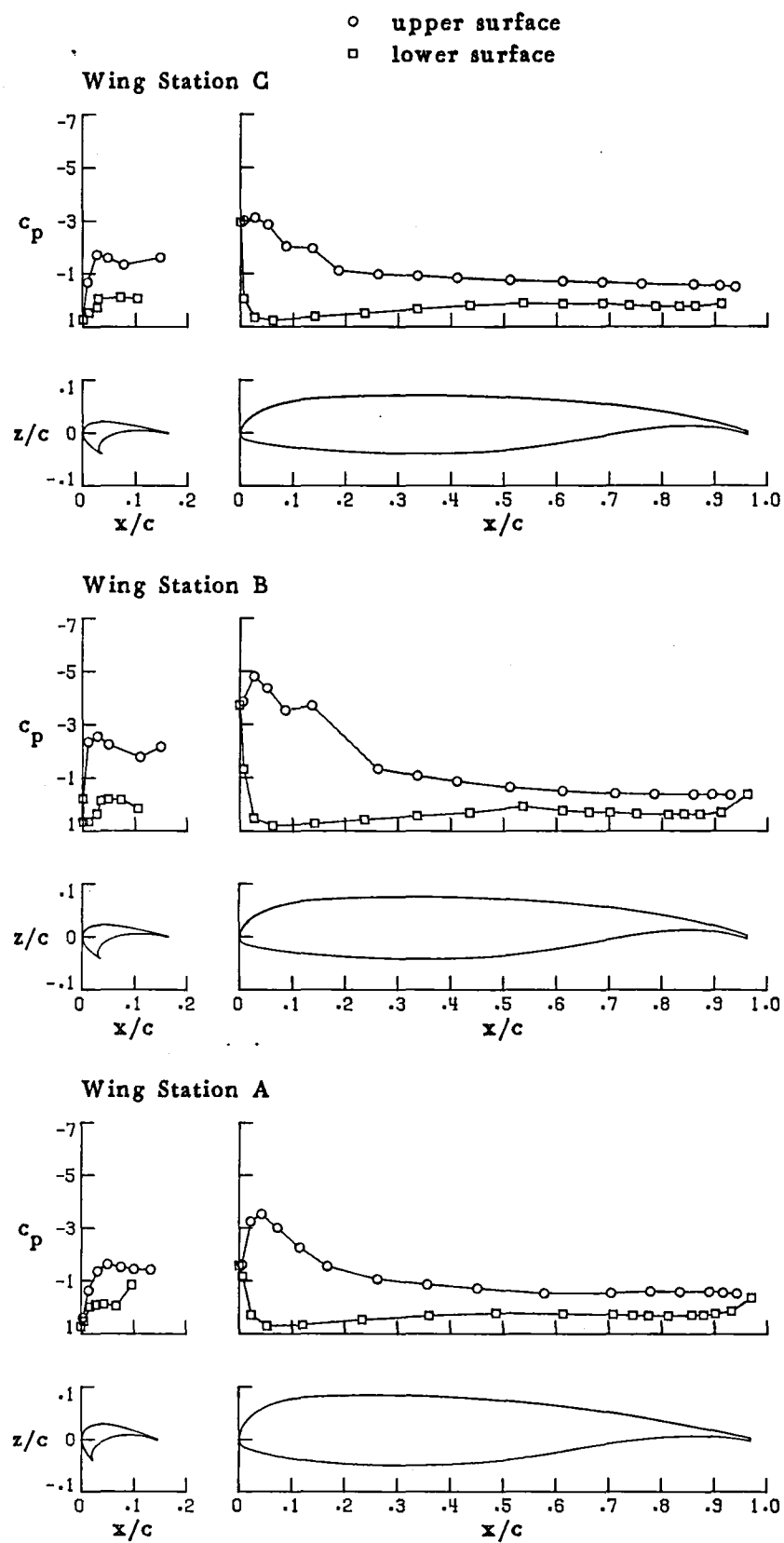
(e)  $\alpha = 12.167^\circ$

Figure 11.-Continued.



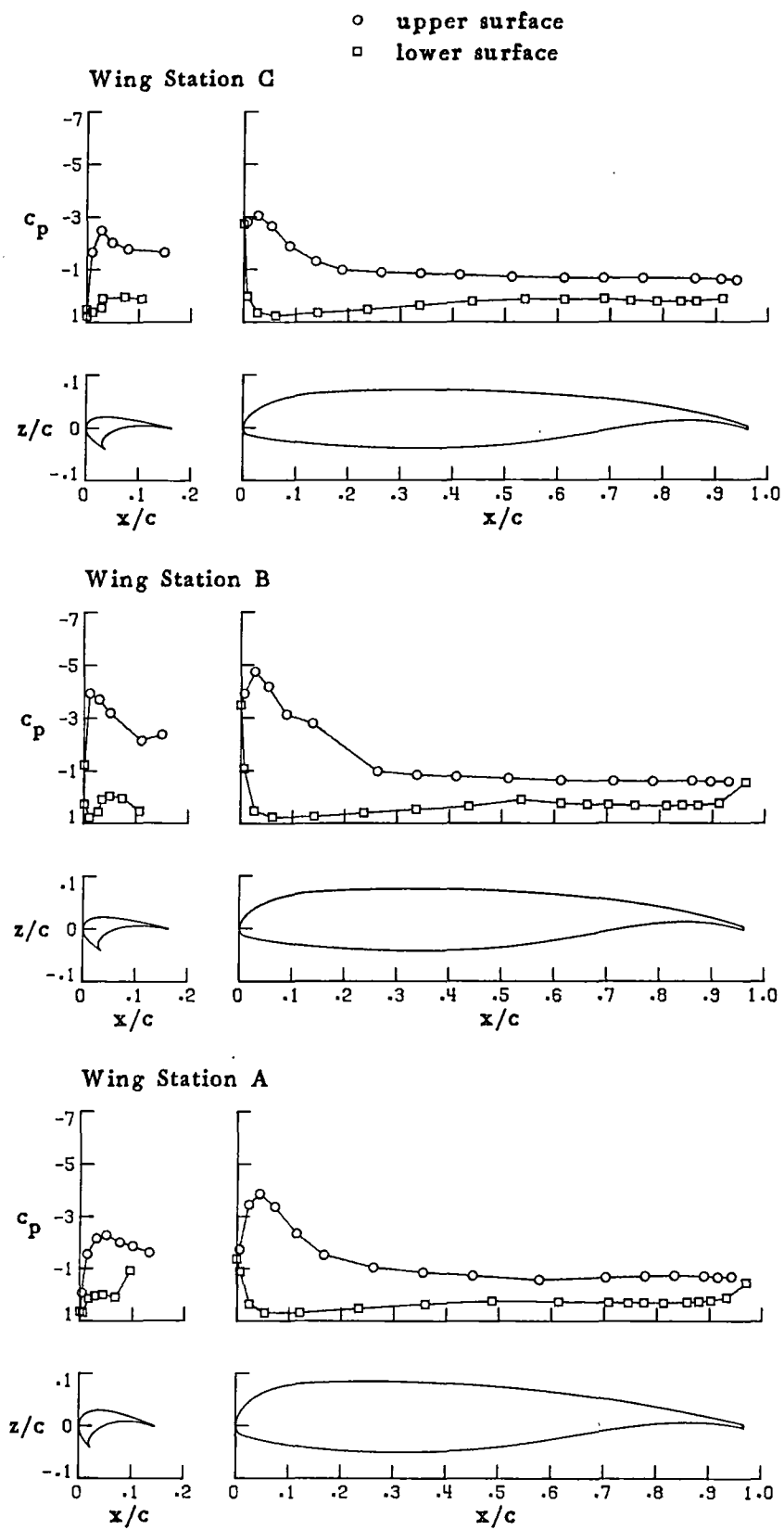
(f)  $\alpha = 16.189^\circ$

Figure 11.-Continued.



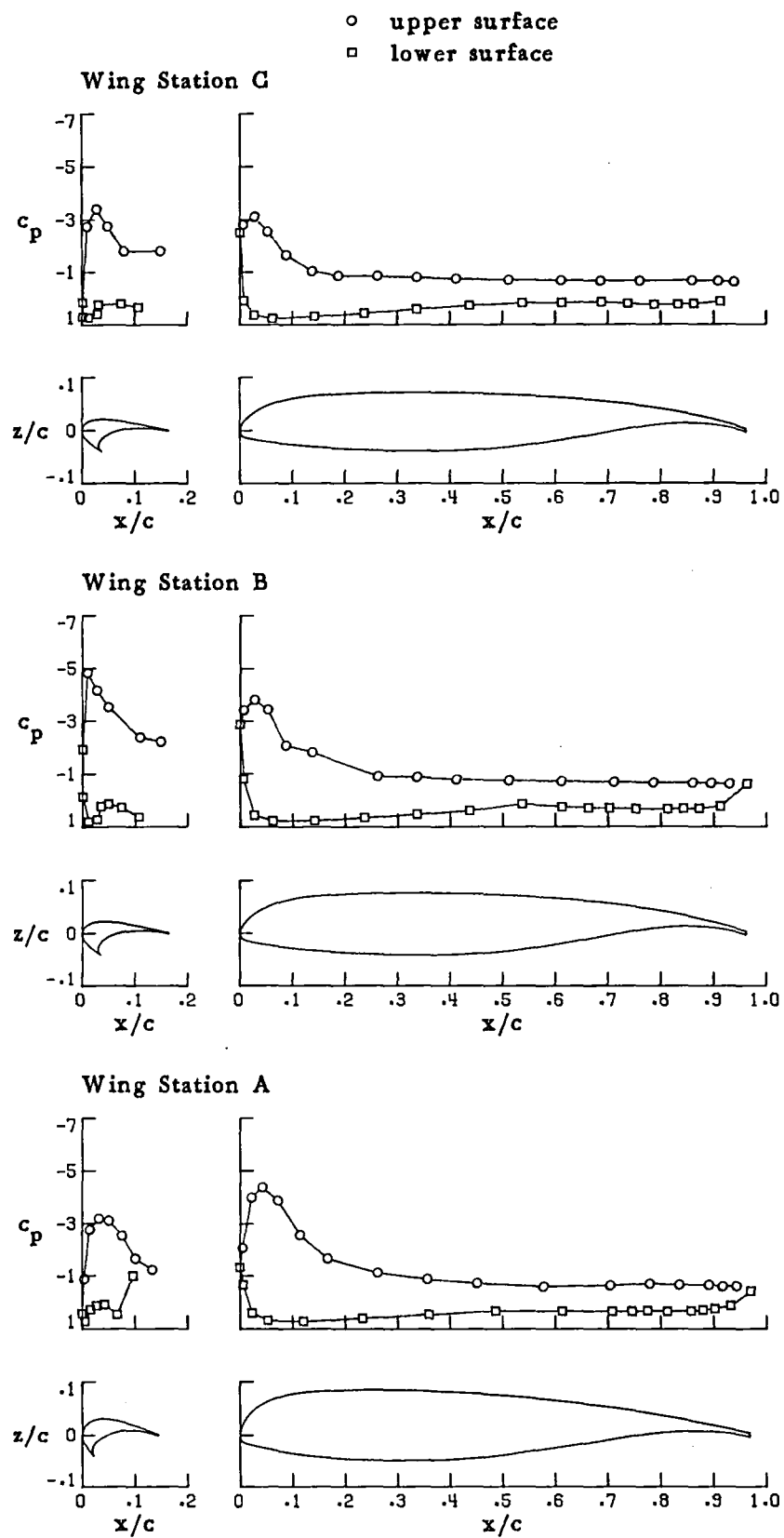
(g)  $\alpha = 20.279^\circ$

Figure 11.-Continued.



(h)  $\alpha = 24.301^\circ$

Figure 11.-Continued.



(i)  $\alpha = 28.337^\circ$

Figure 11.-Concluded.



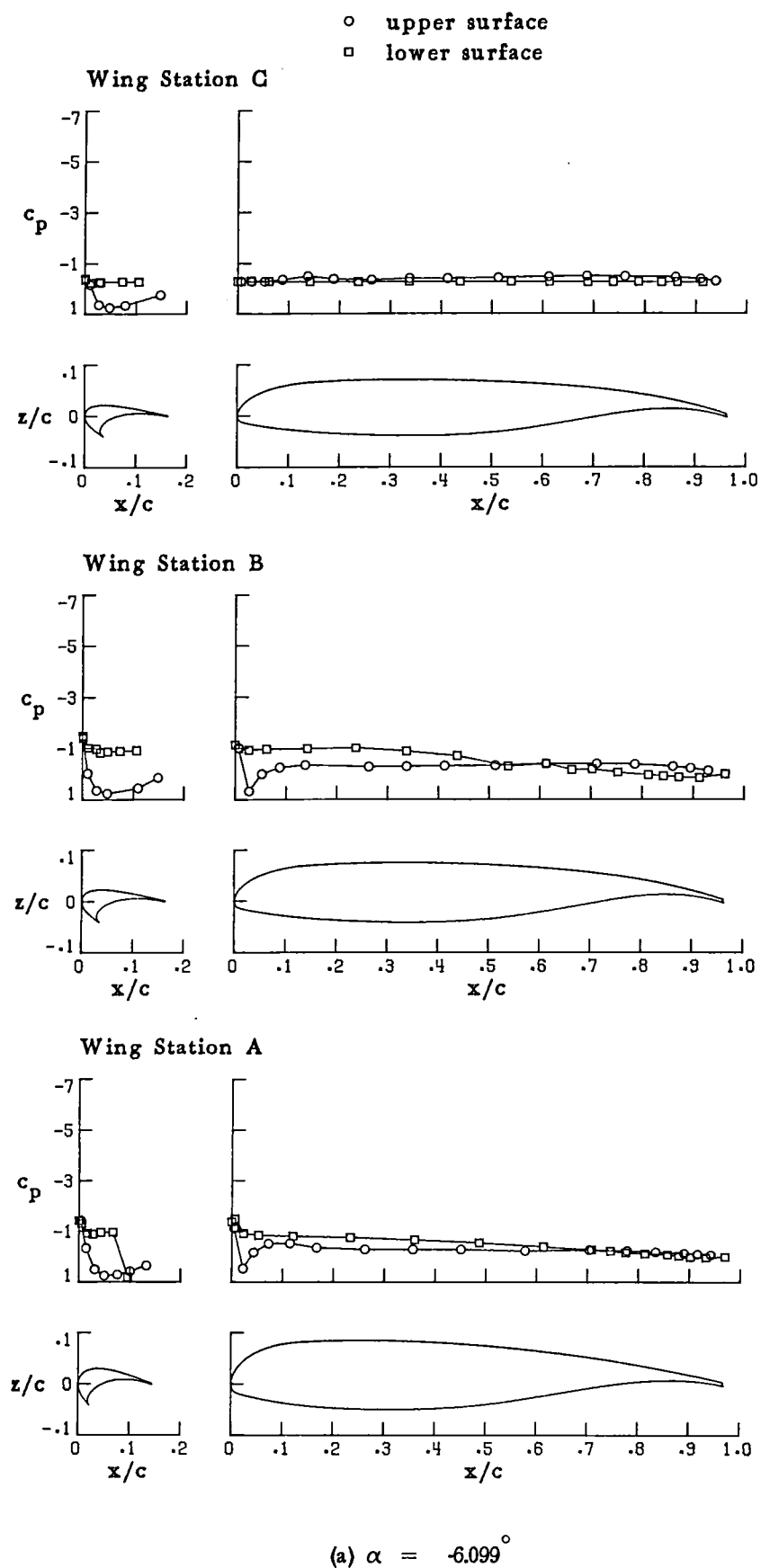
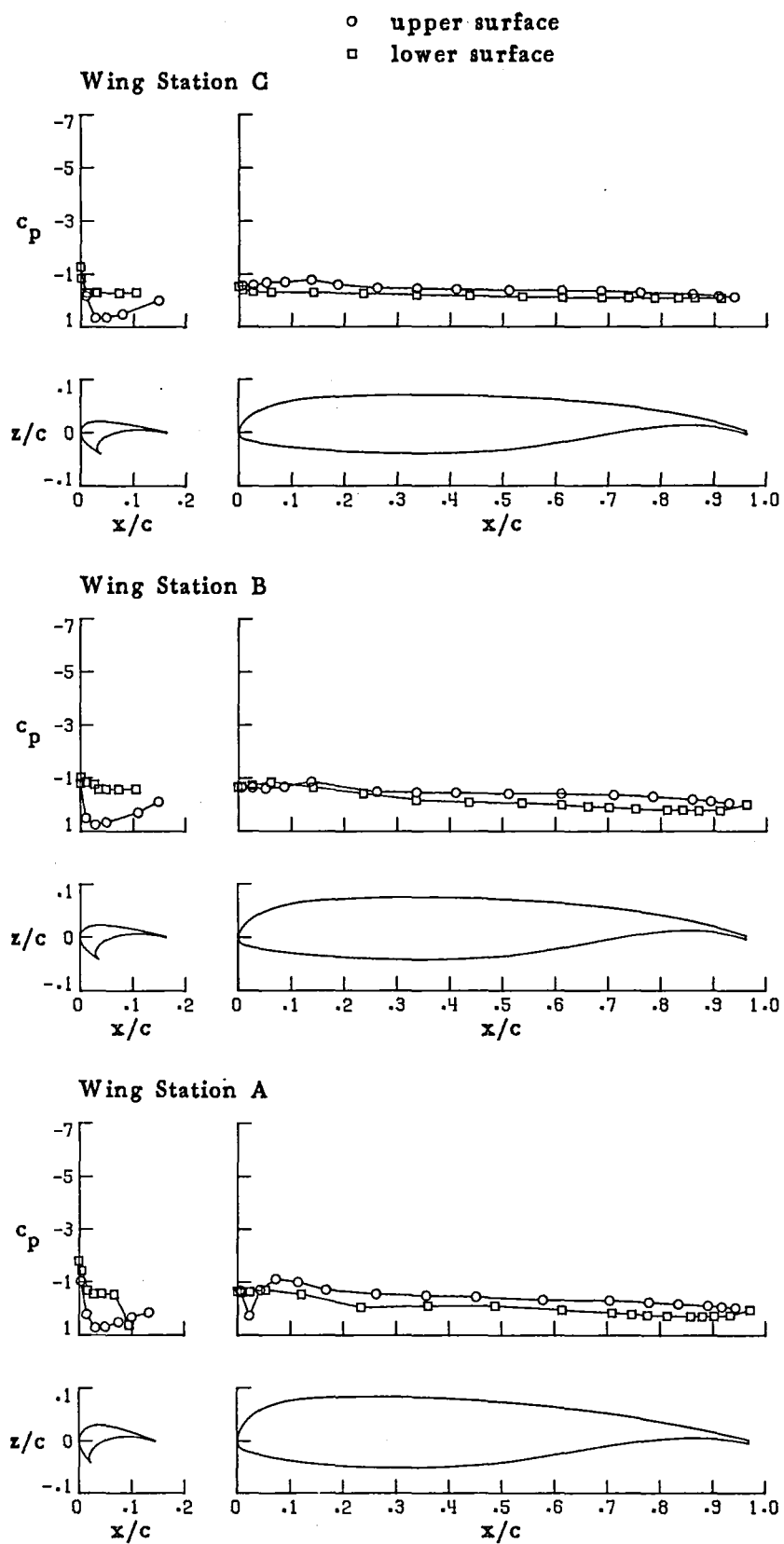
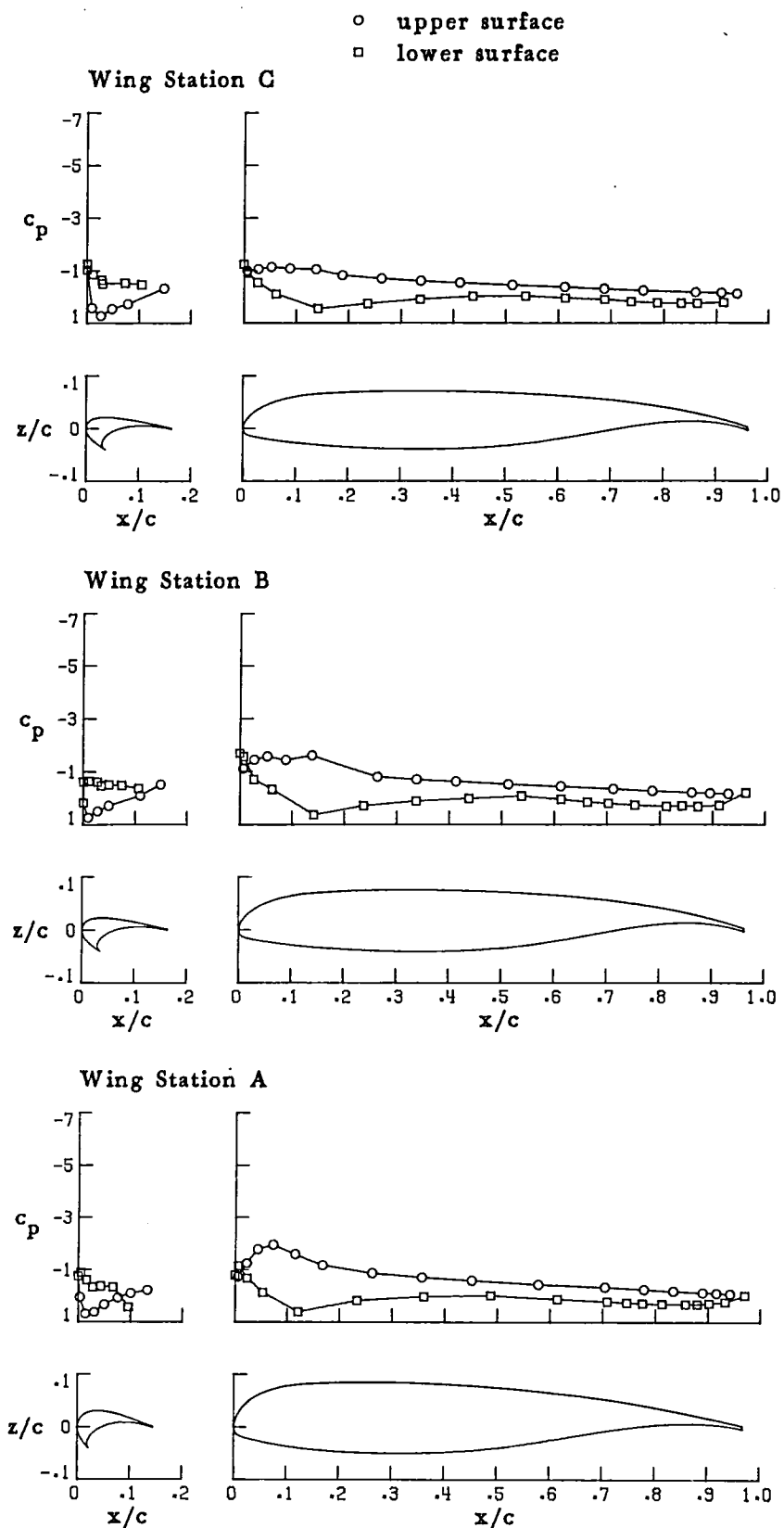


Figure 12. - Pressure distributions for aspect-ratio-10 climb wing configuration with  $-50^\circ$  deflection of inboard slat and nacelles off. (Run 12)



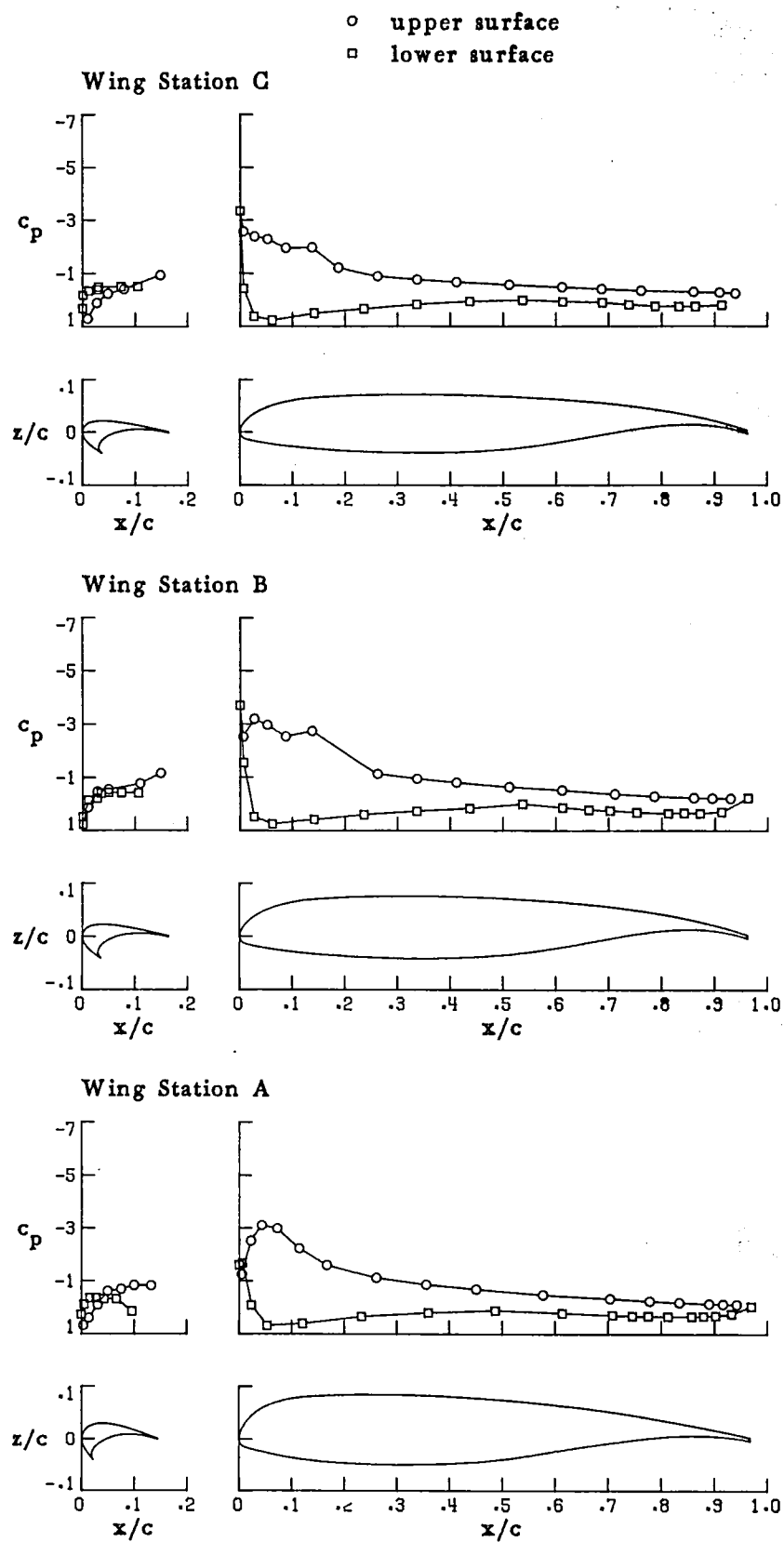
(b)  $\alpha = -0.058^\circ$

Figure 12.-Continued.



(c)  $\alpha = 6.089^\circ$

Figure 12-Continued.

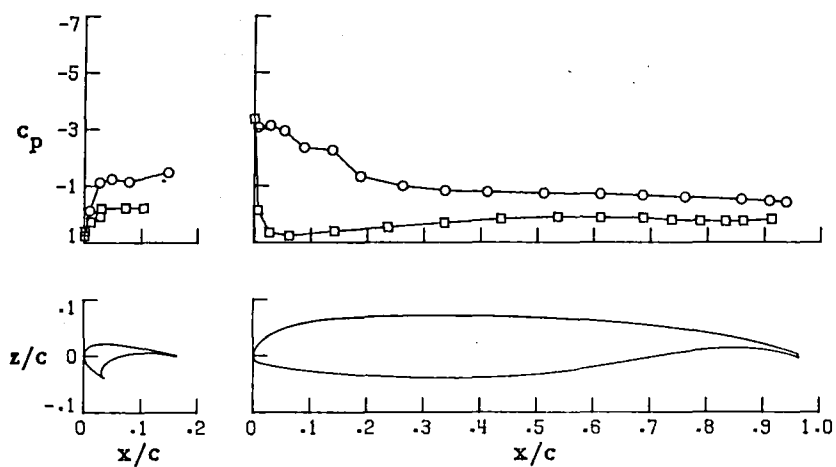


(d)  $\alpha = 12.167^\circ$

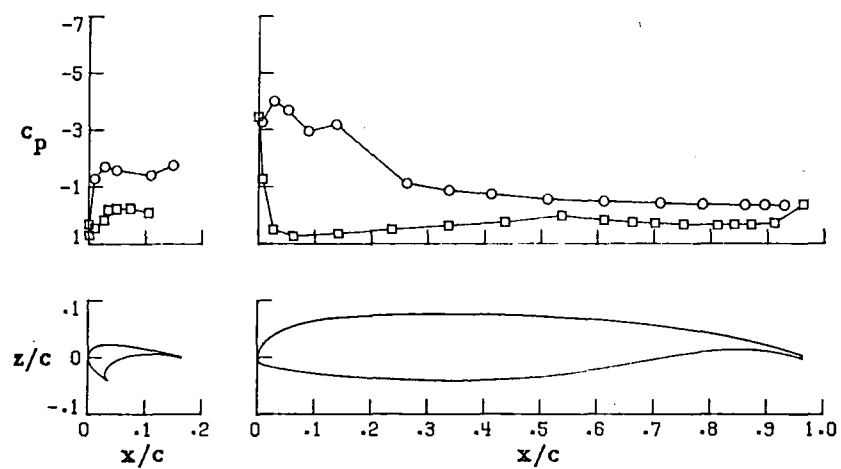
Figure 12.-Continued.

○ upper surface  
 □ lower surface

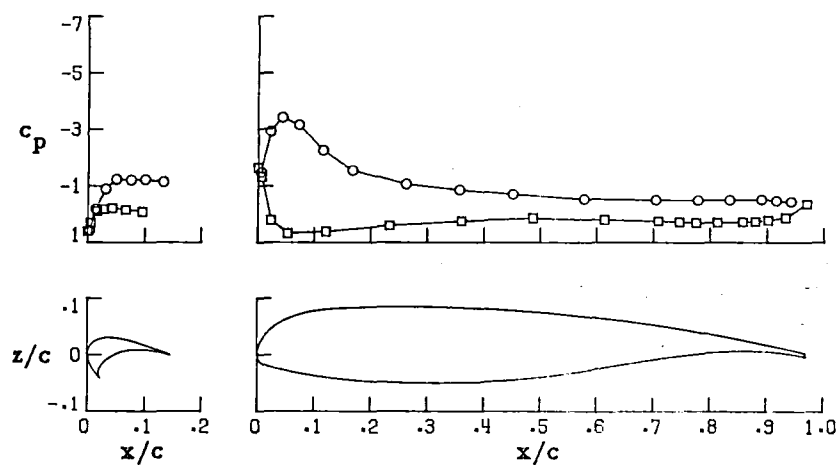
### Wing Station C



### Wing Station B

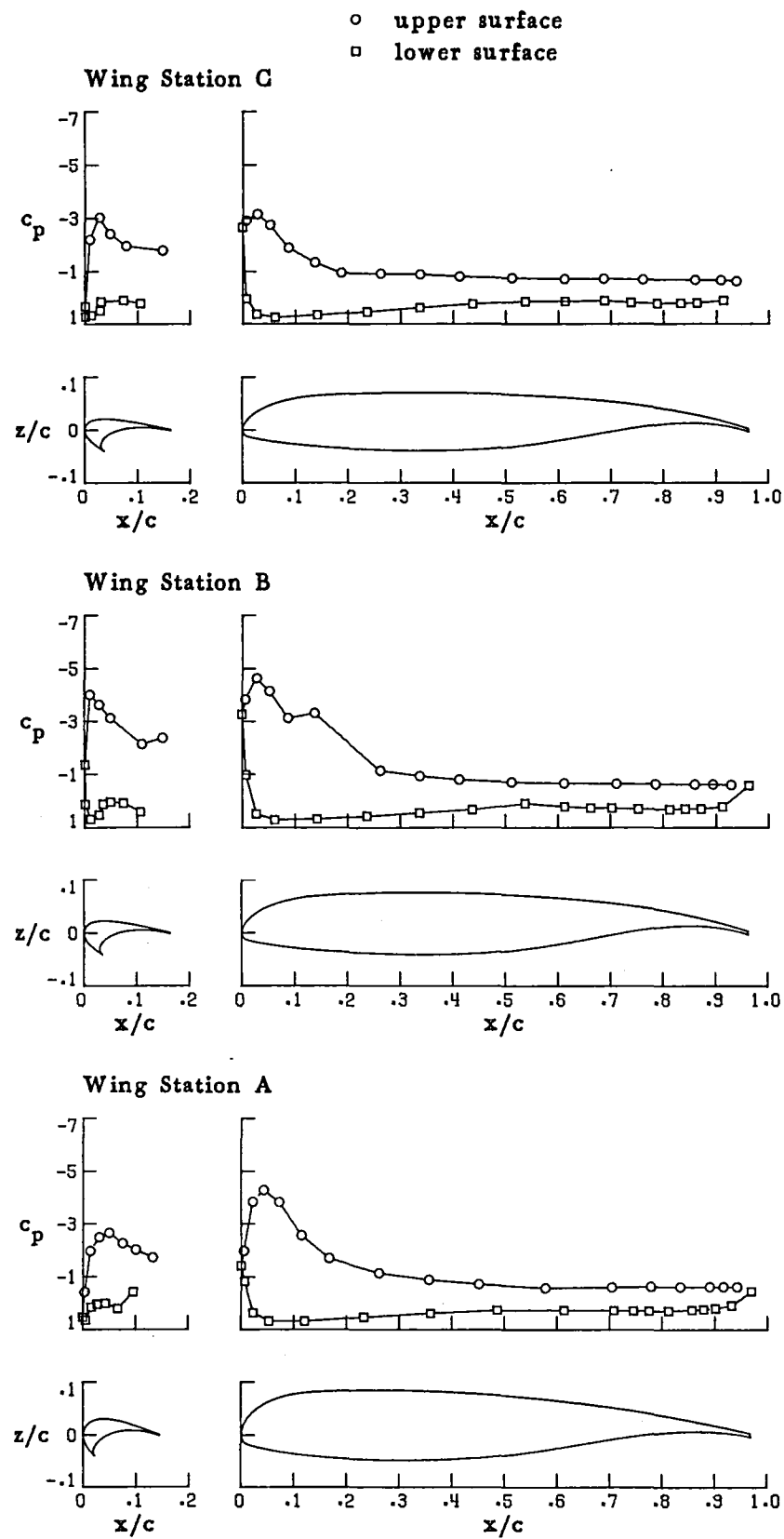


### Wing Station A



(e)  $\alpha = 18.203^\circ$

Figure 12.-Continued.



(f)  $\alpha = 26.322^\circ$

Figure 12.-Concluded.

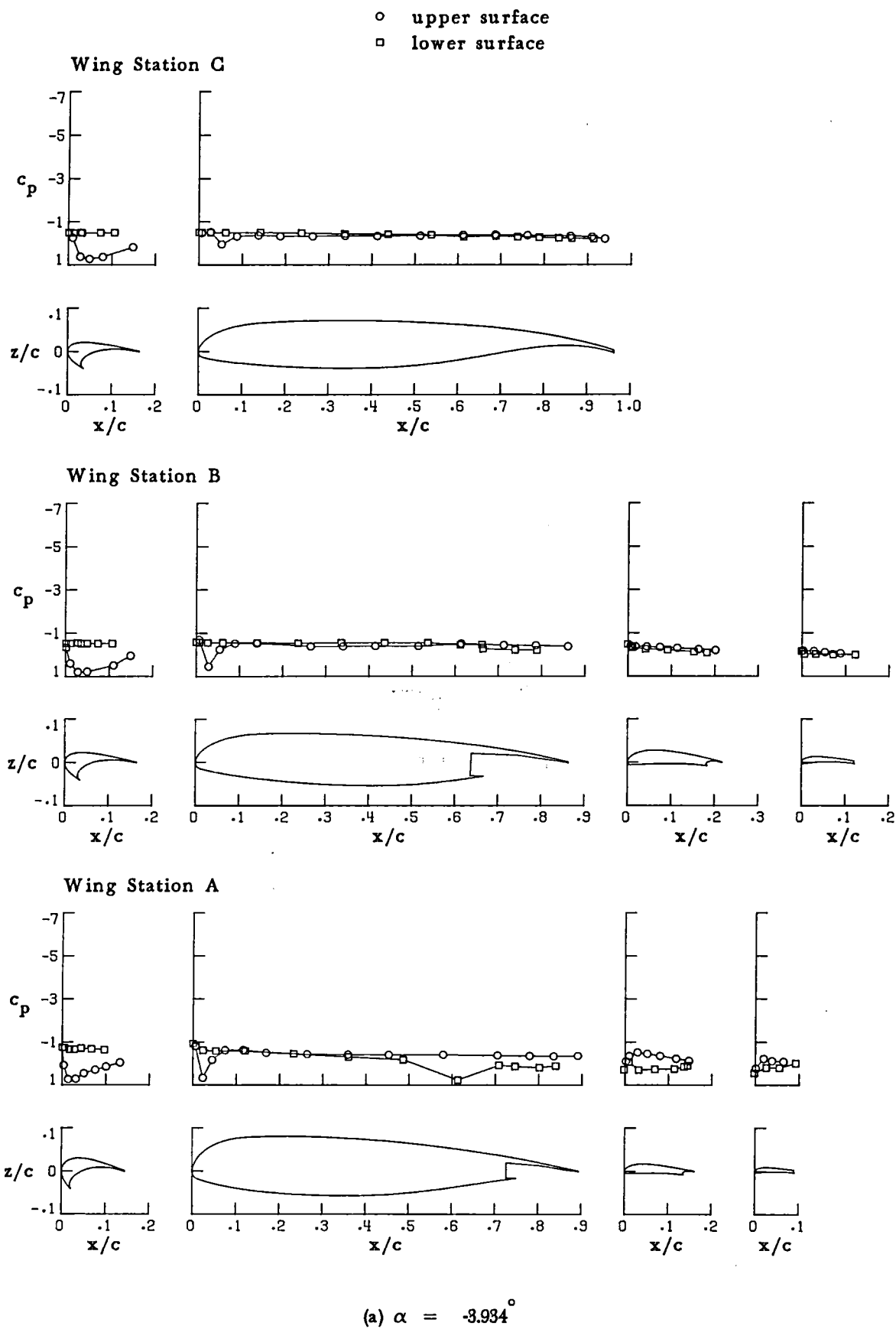
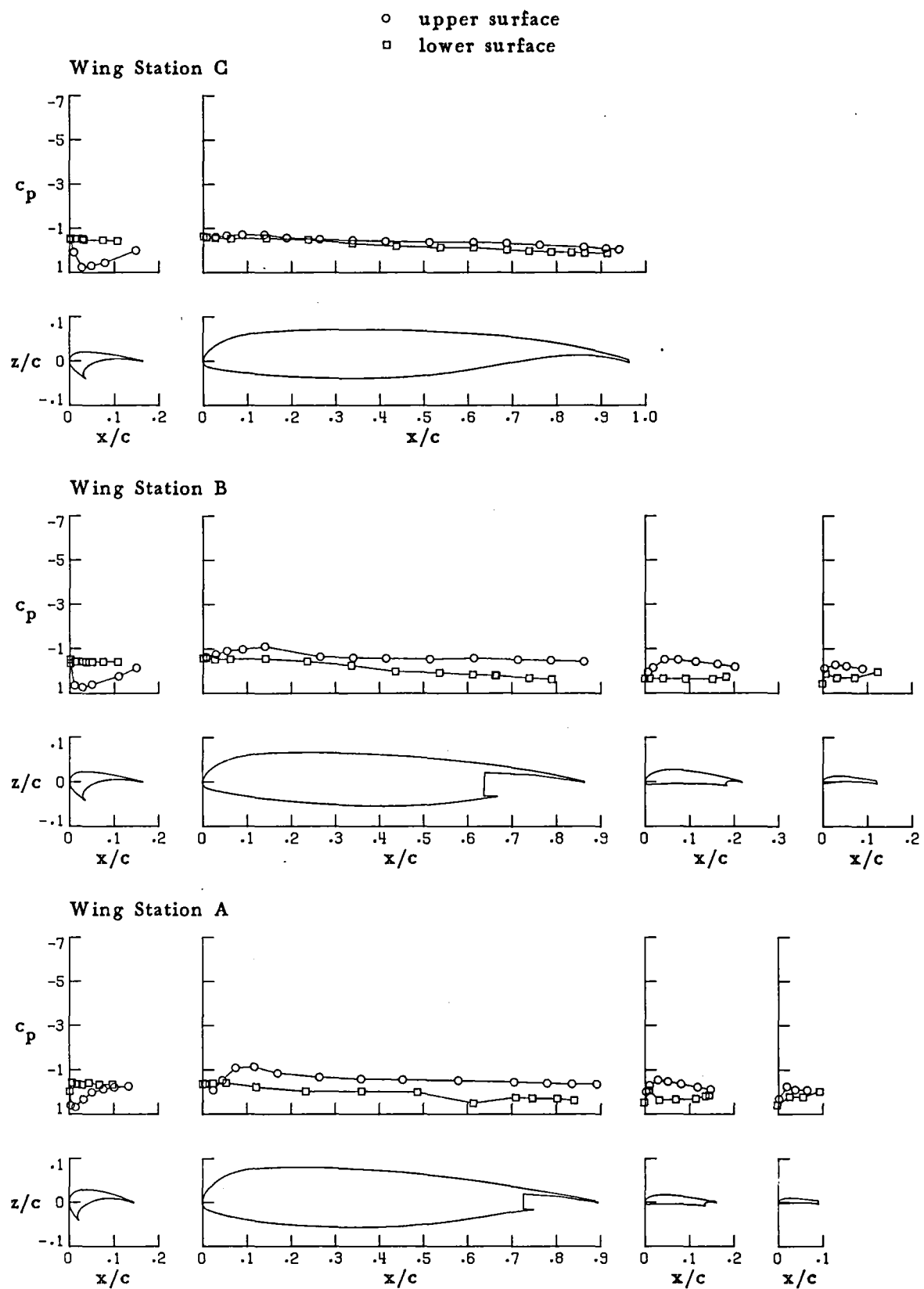


Figure 13. - Pressure distributions for aspect-ratio-10,  $15^\circ$  take-off flap wing configuration with  $-30^\circ$  deflection of inboard slat. (Run 59)

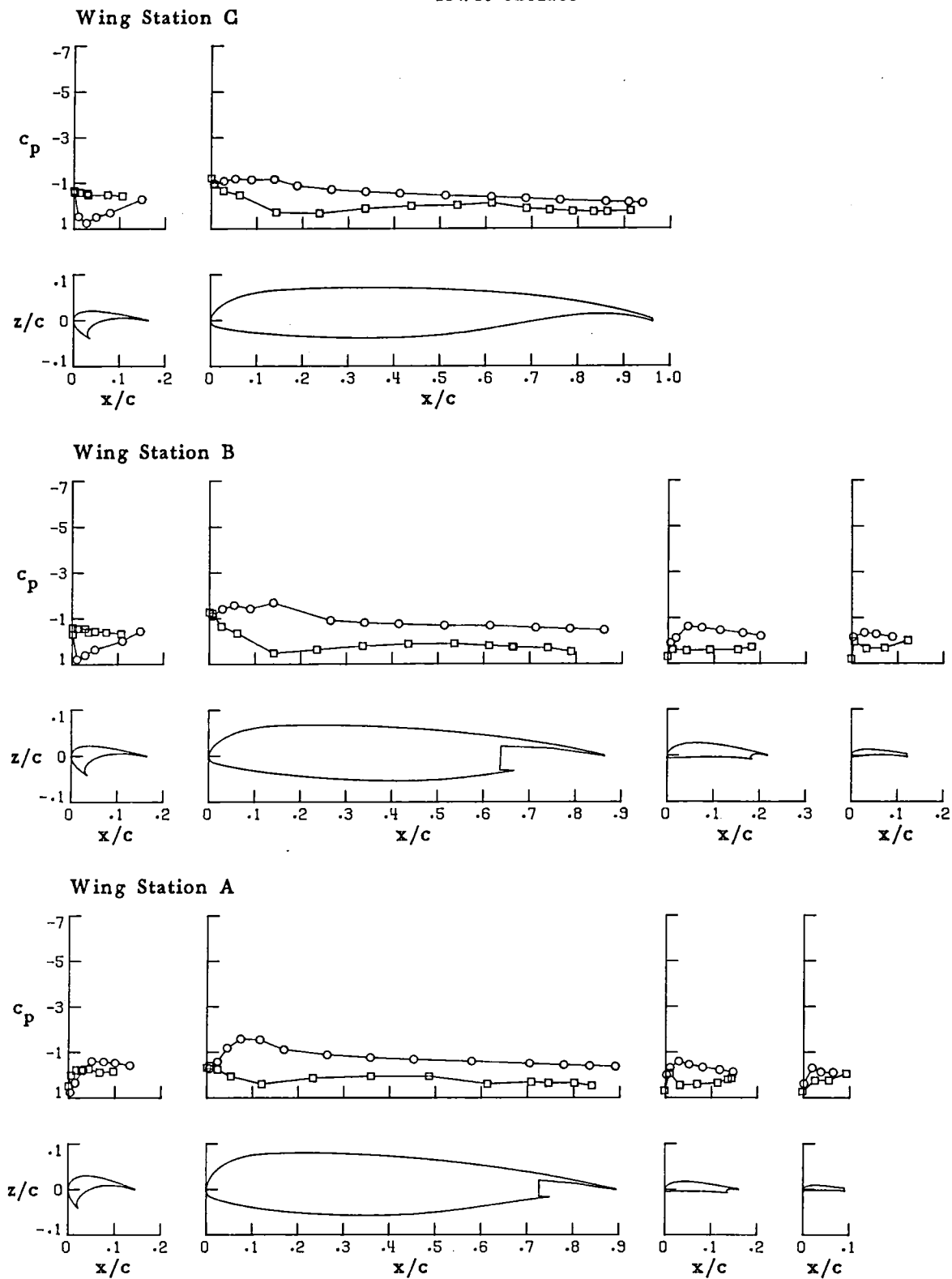


(b)  $\alpha = .264^\circ$

Figure 13.-Continued.

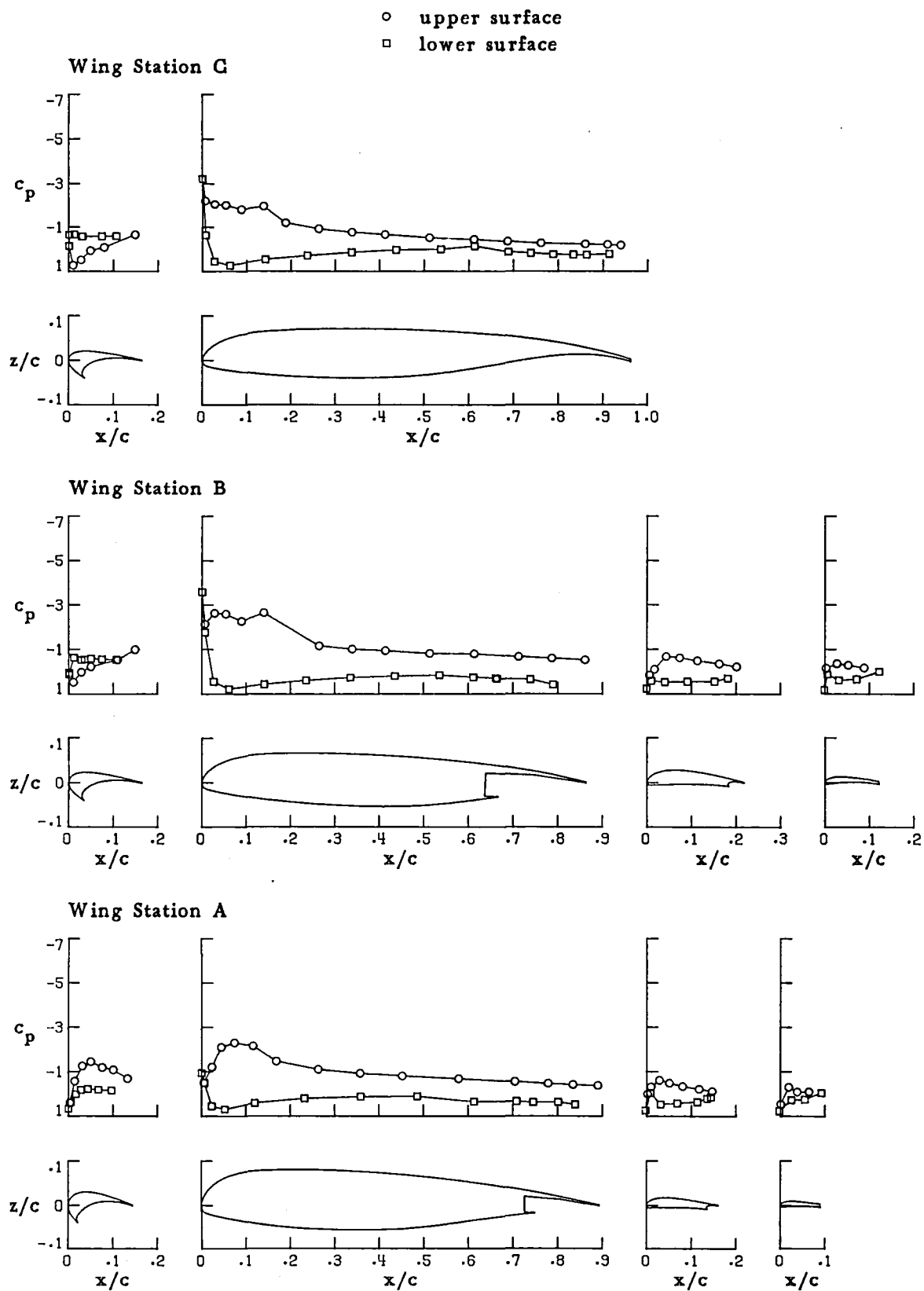


○ upper surface  
□ lower surface



(c)  $\alpha = 4.242^\circ$

Figure 13.-Continued.

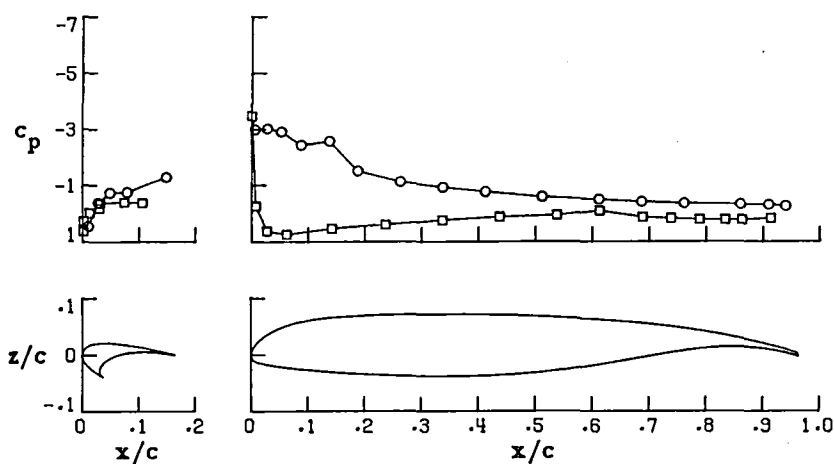


(d)  $\alpha = 8.255^\circ$

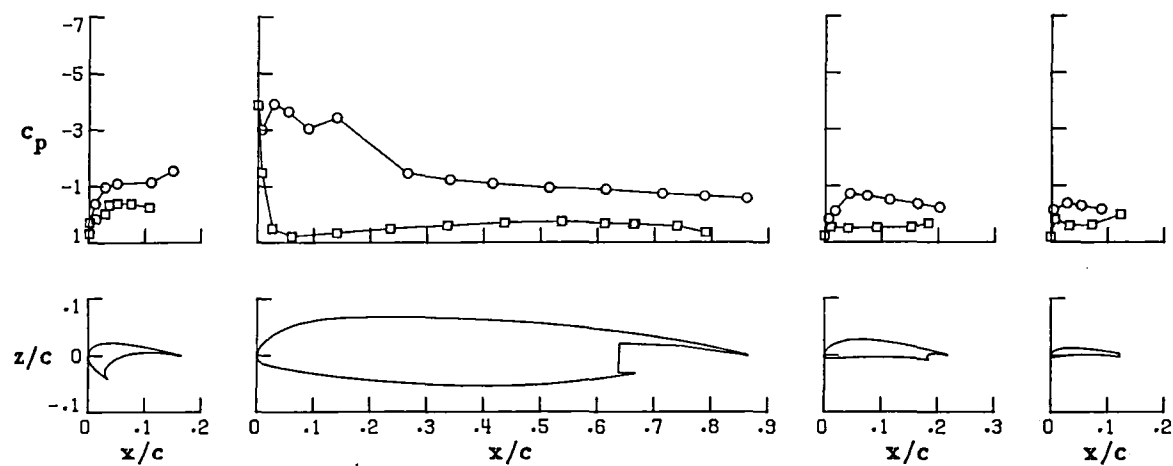
Figure 13.-Continued.

○ upper surface  
□ lower surface

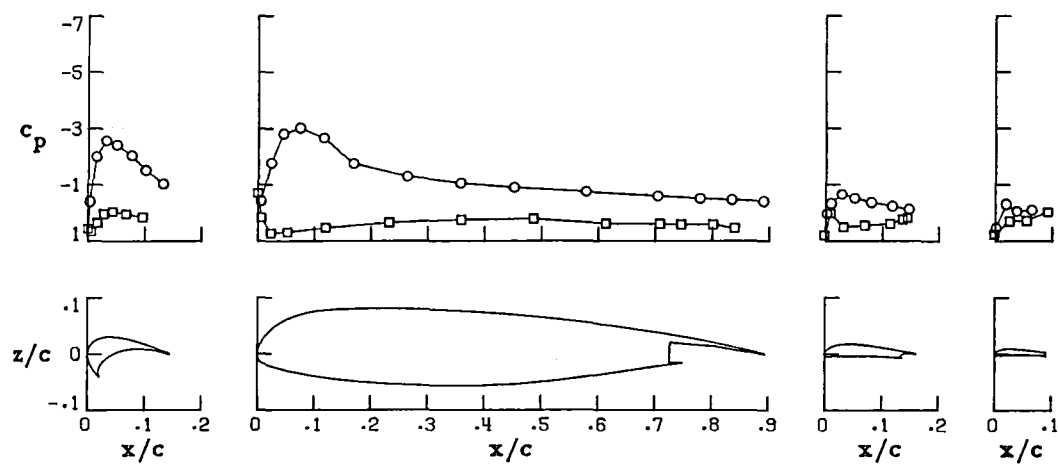
### Wing Station C



### Wing Station B

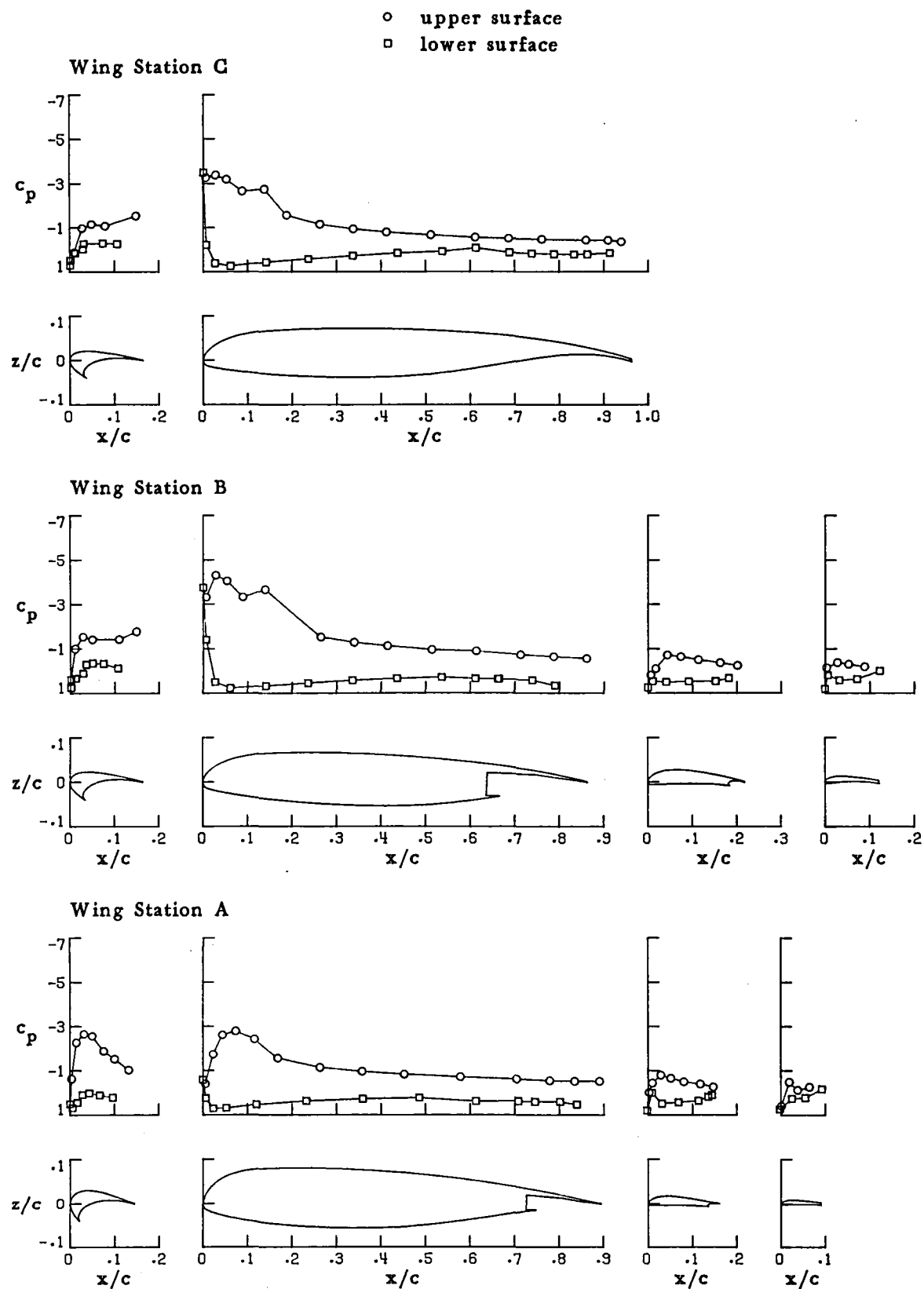


### Wing Station A



(e)  $\alpha = 12.433^\circ$

Figure 13.-Continued.

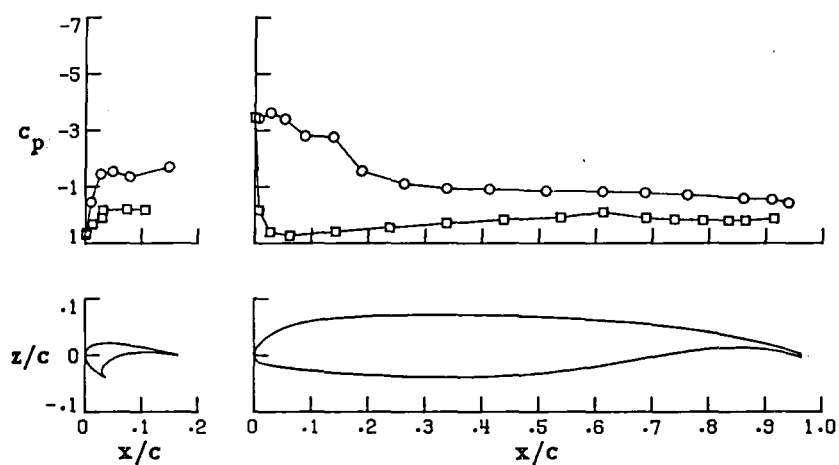


(f)  $\alpha = 14.381^\circ$

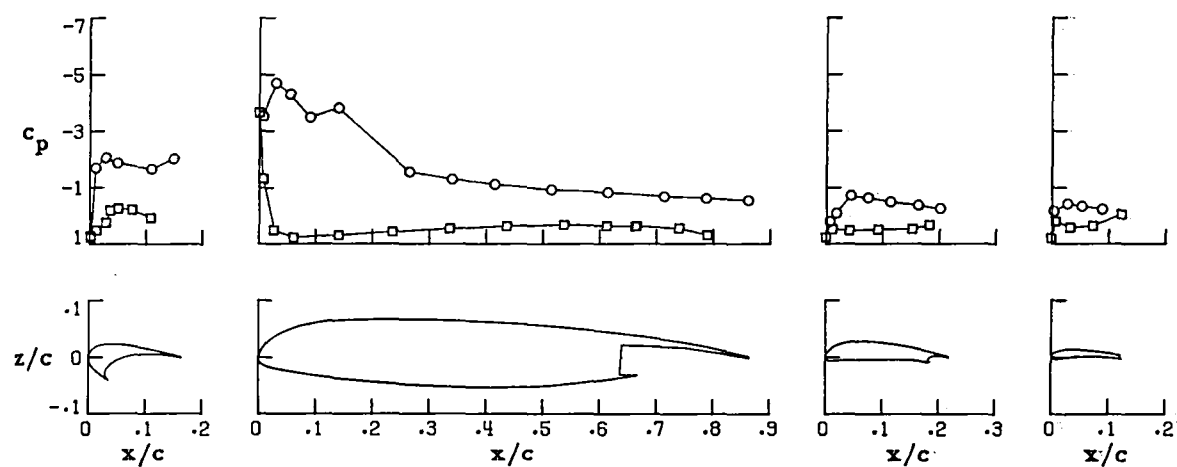
Figure 13.-Continued.

○ upper surface  
□ lower surface

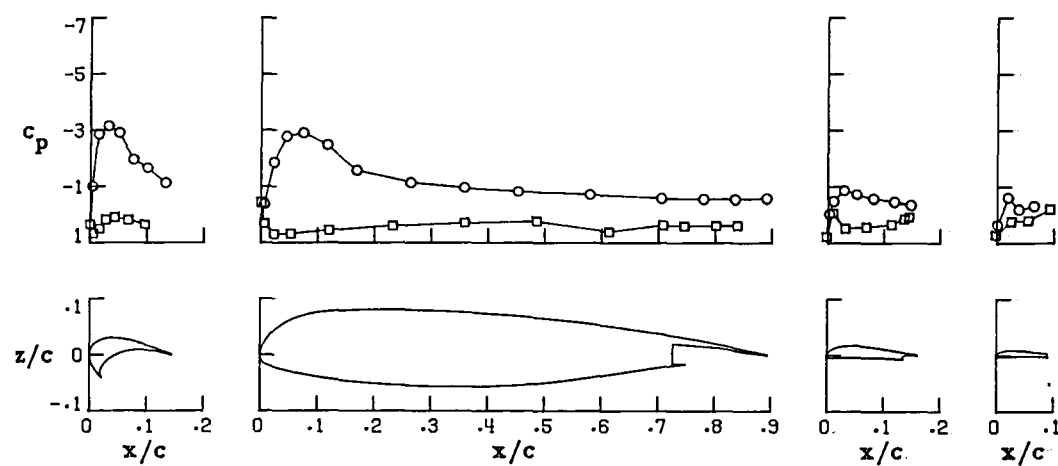
### Wing Station G



### Wing Station B

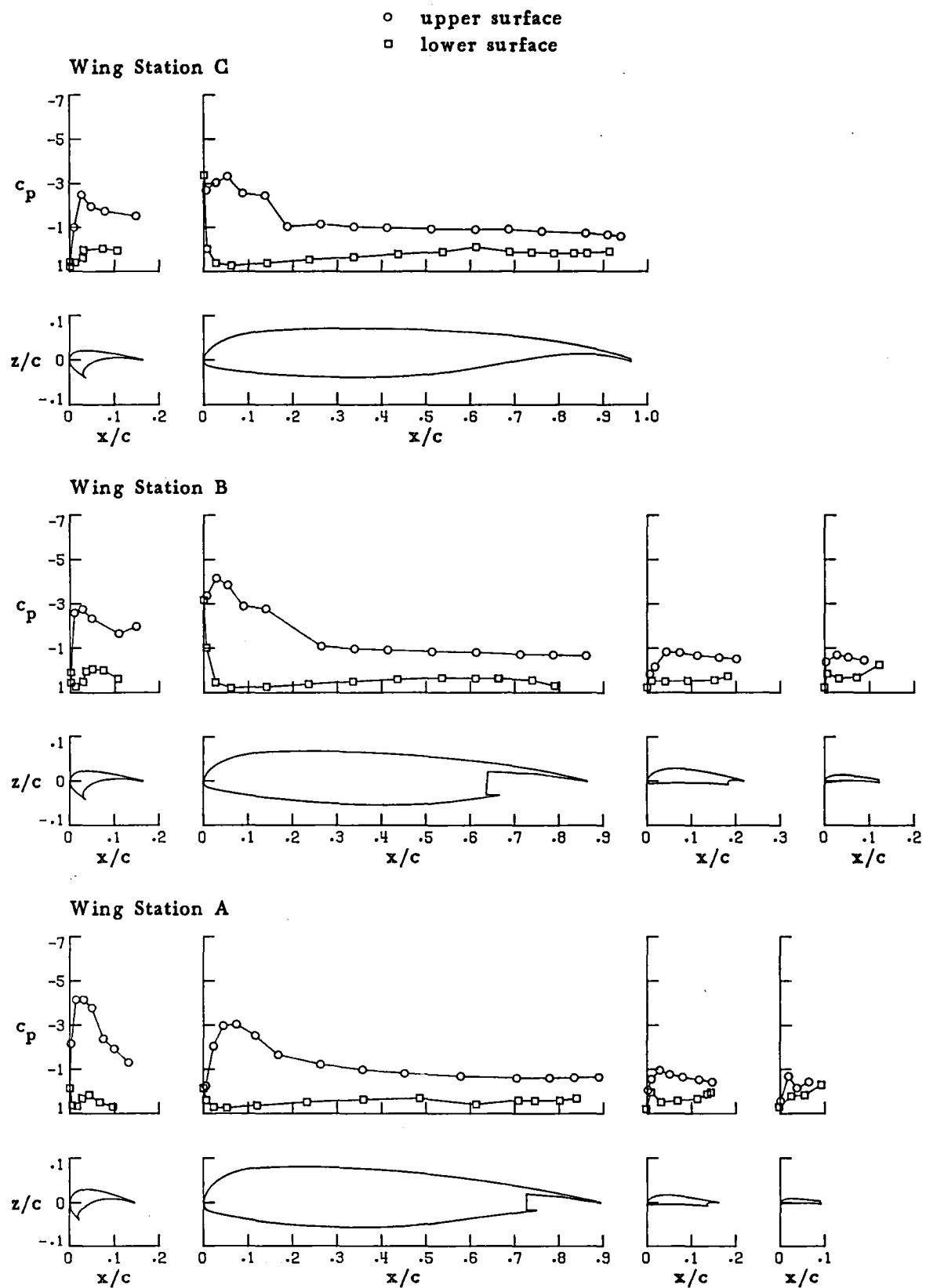


### Wing Station A



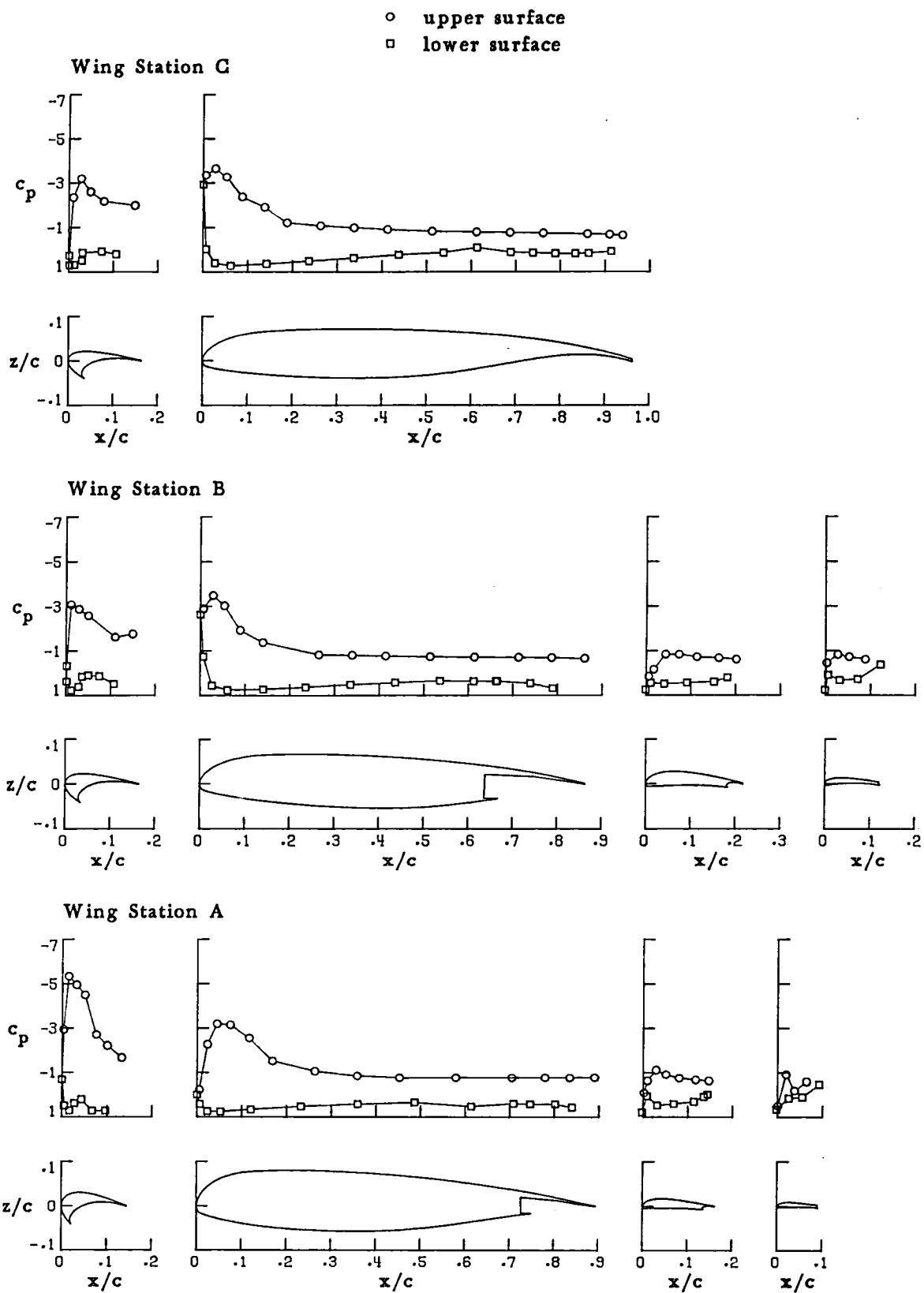
(g)  $\alpha = 16.369^\circ$

Figure 13.-Continued.



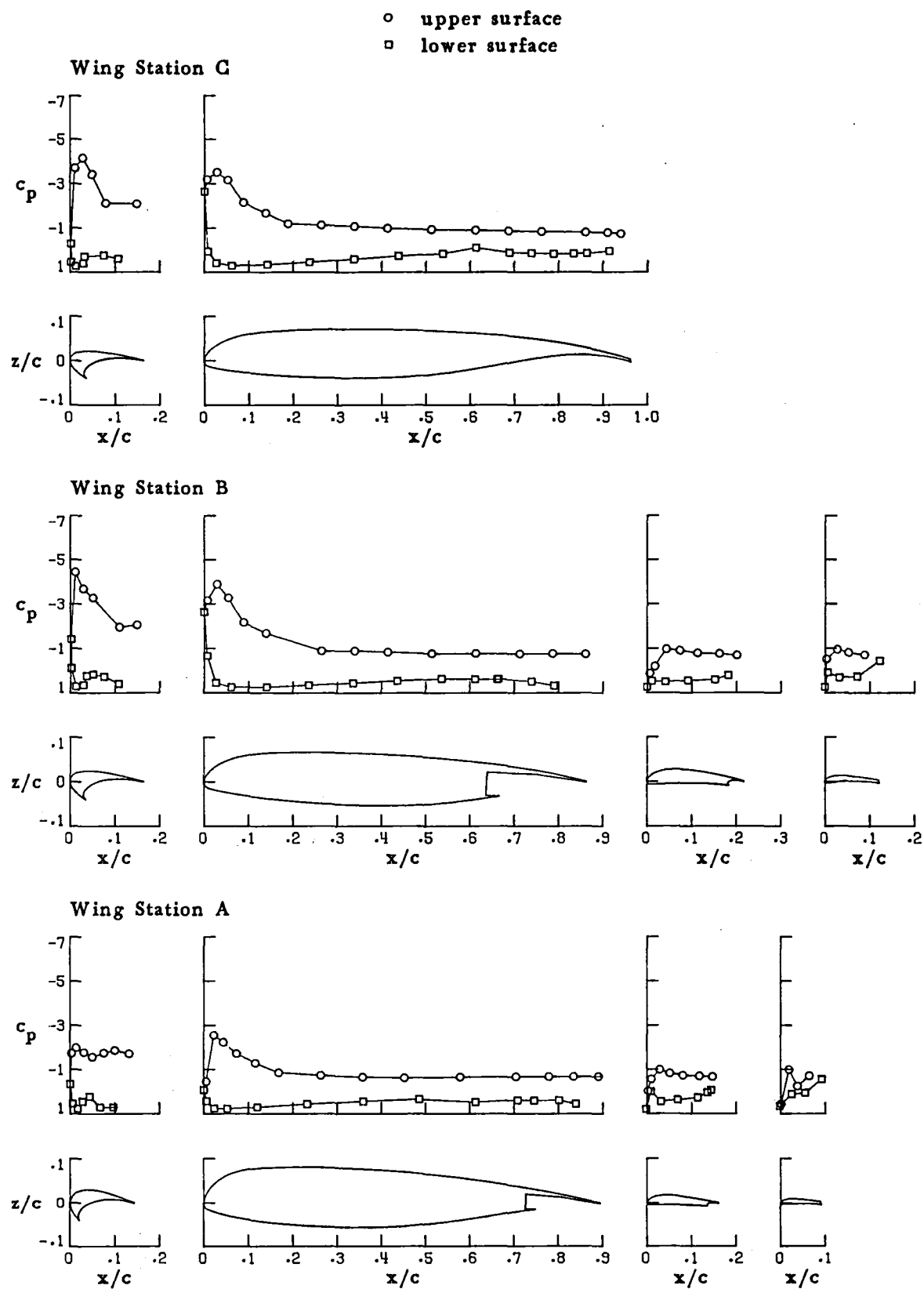
(h)  $\alpha = 20.468^\circ$

Figure 13.-Continued.



(i)  $\alpha = 24.496^\circ$

Figure 13.-Continued.



(j)  $\alpha = 28.482^\circ$

Figure 13.-Concluded.



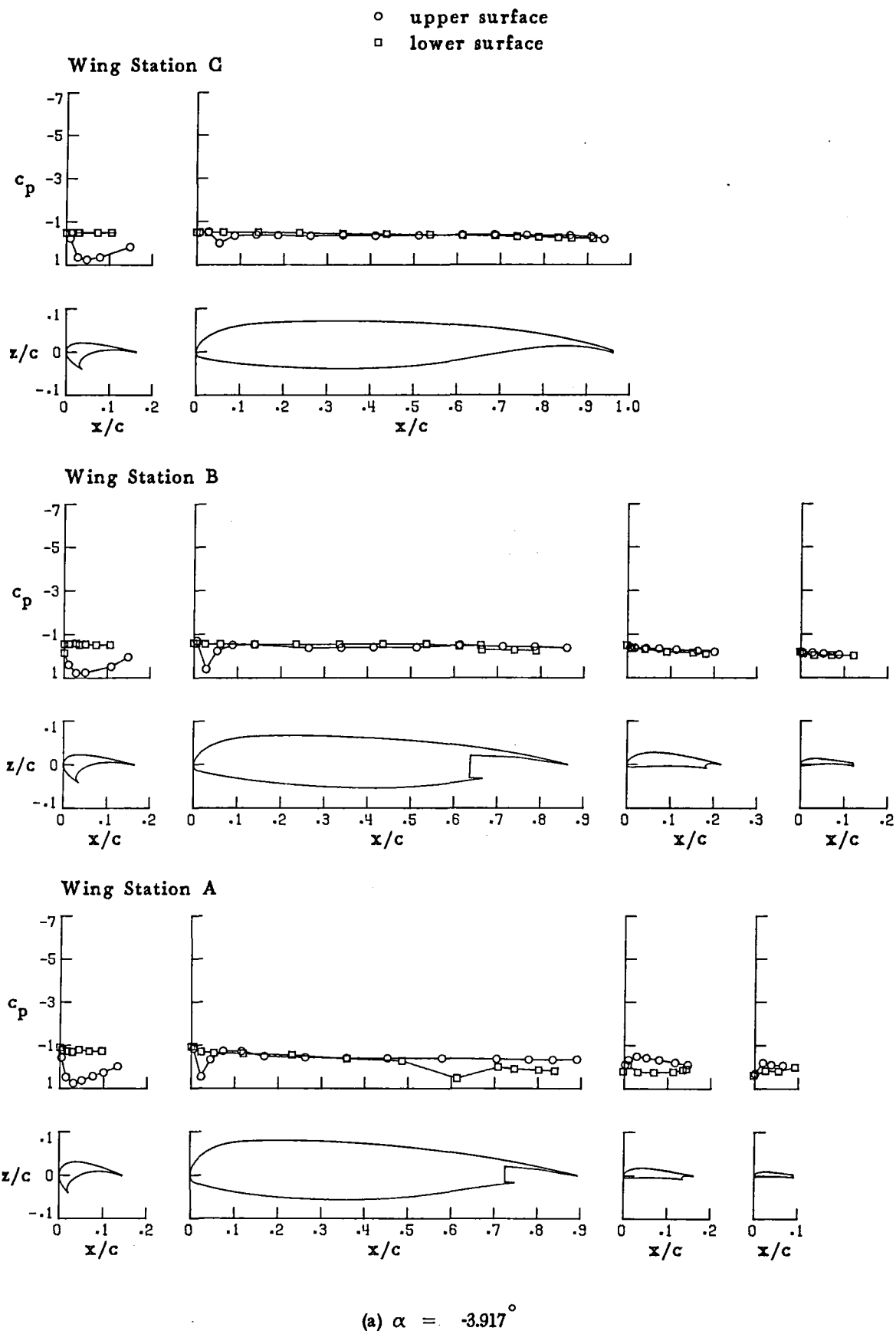
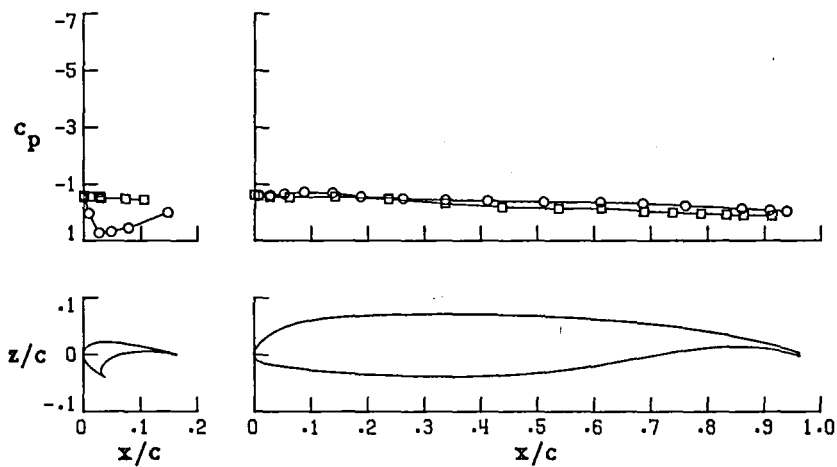


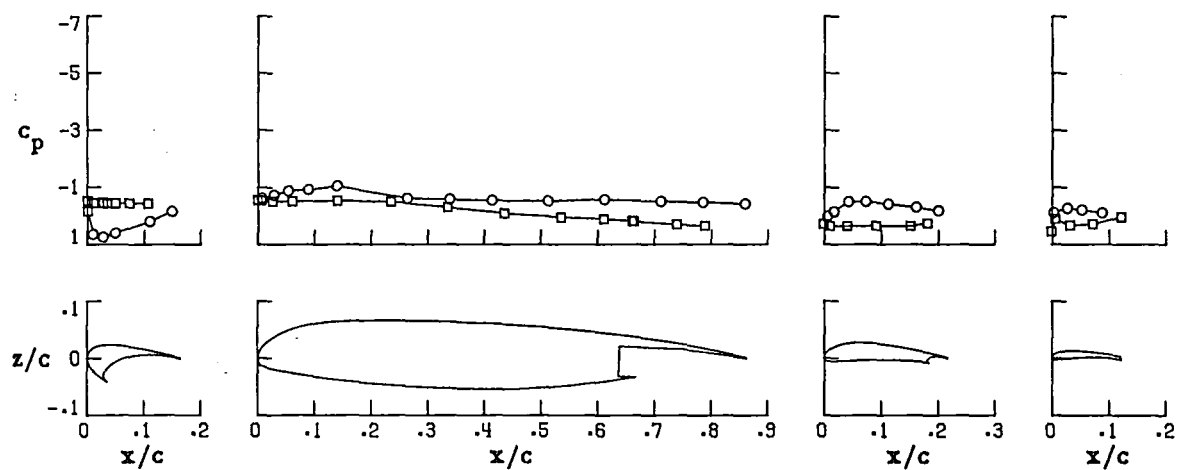
Figure 14. - Pressure distributions for aspect-ratio-10,  $15^\circ$  take-off flap wing configuration with  $-40^\circ$  deflection of inboard slat. (Run 60)

○ upper surface  
□ lower surface

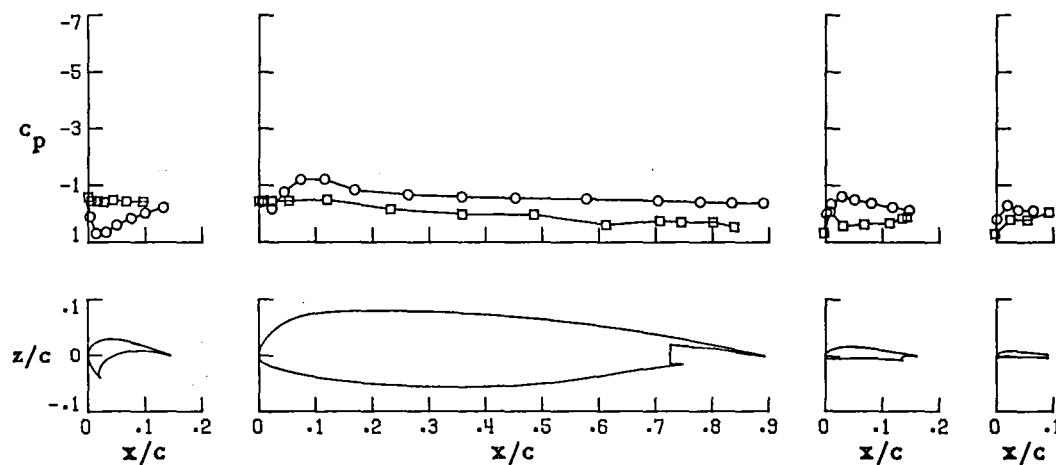
### Wing Station C



### Wing Station B

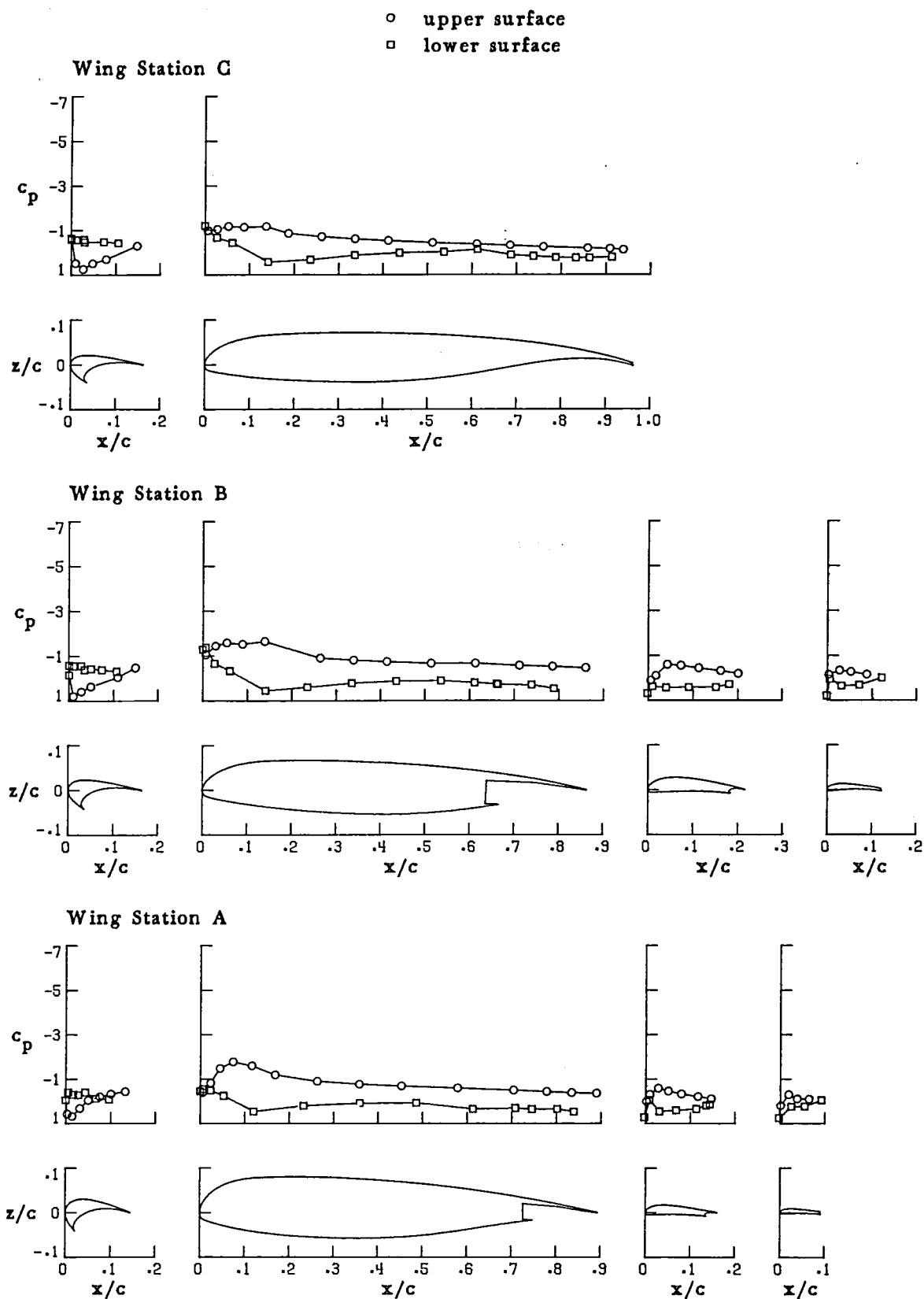


### Wing Station A



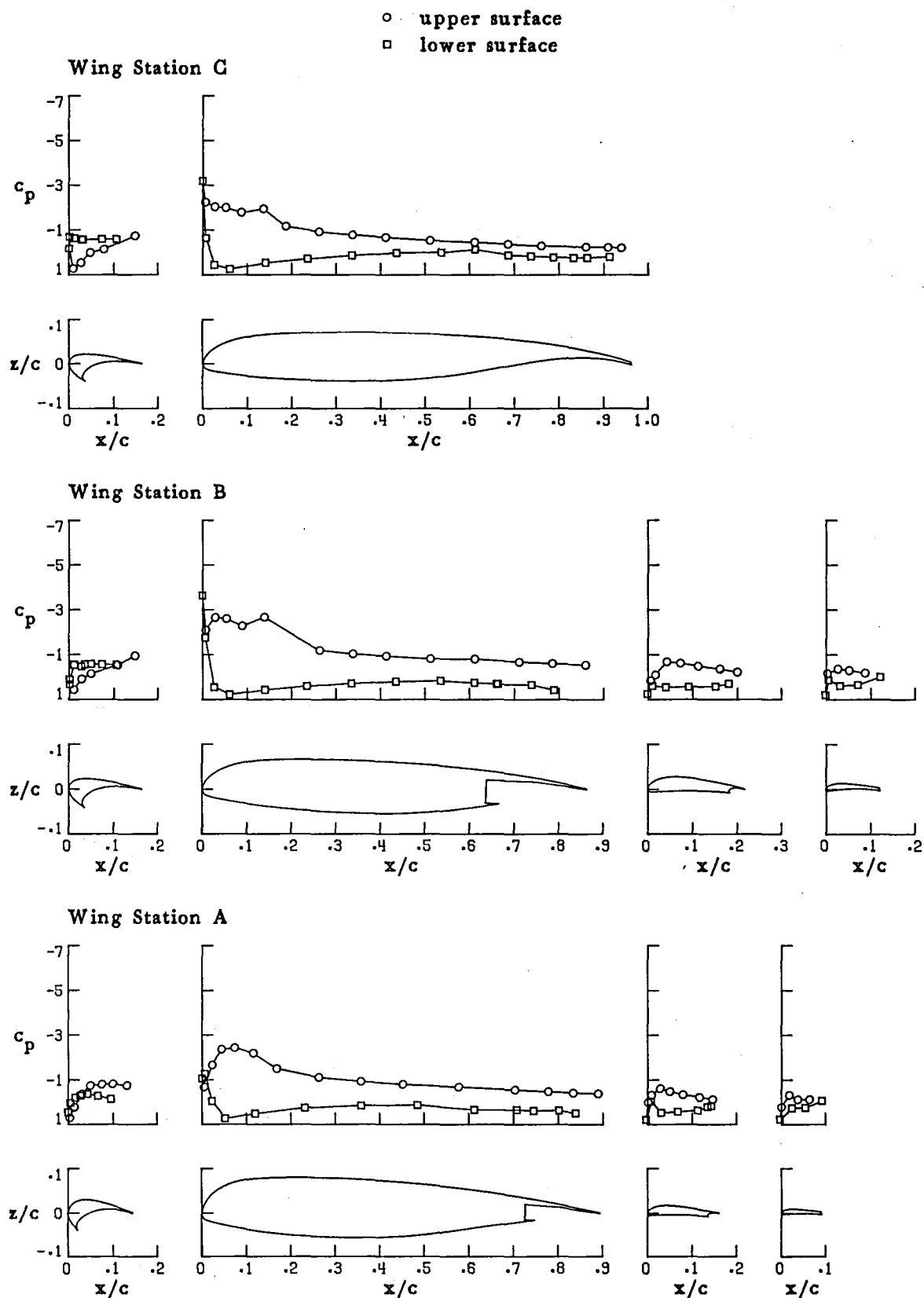
(b)  $\alpha = .156^\circ$

Figure 14-Continued.



(c)  $\alpha = 4.330^\circ$

Figure 14.-Continued.

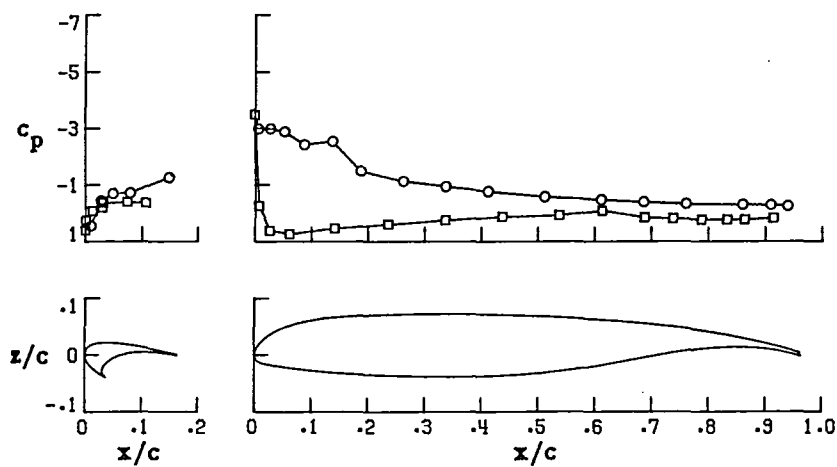


(d)  $\alpha = 8.317^\circ$

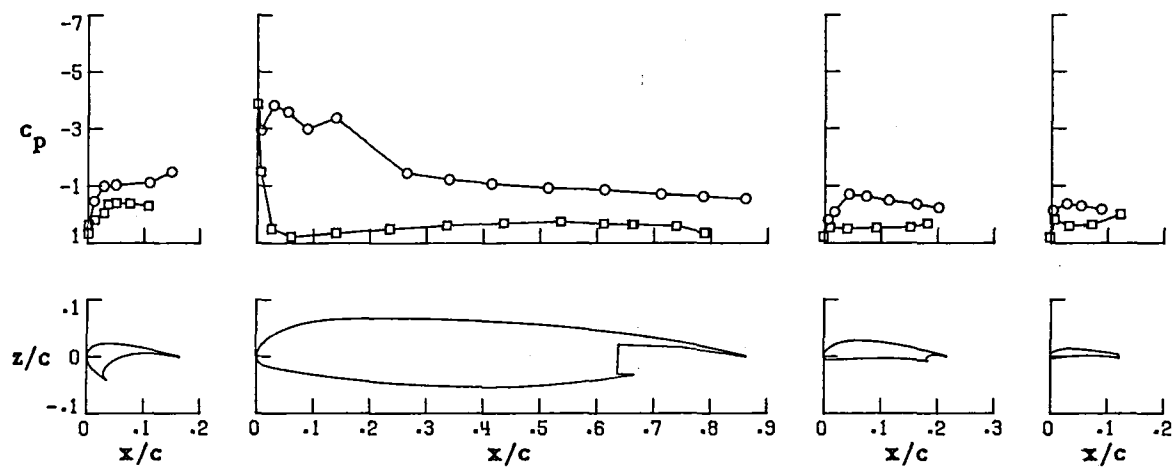
Figure 14.-Continued.

○ upper surface  
□ lower surface

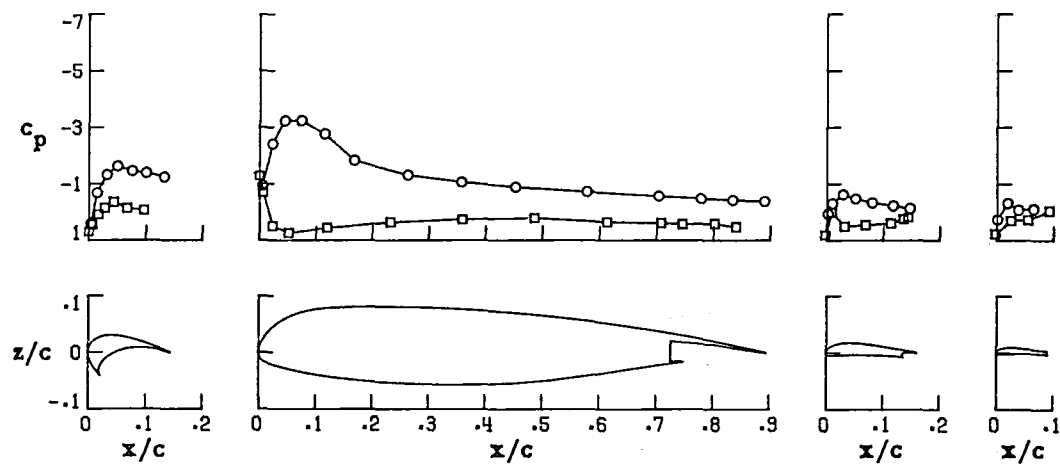
### Wing Station C



### Wing Station B

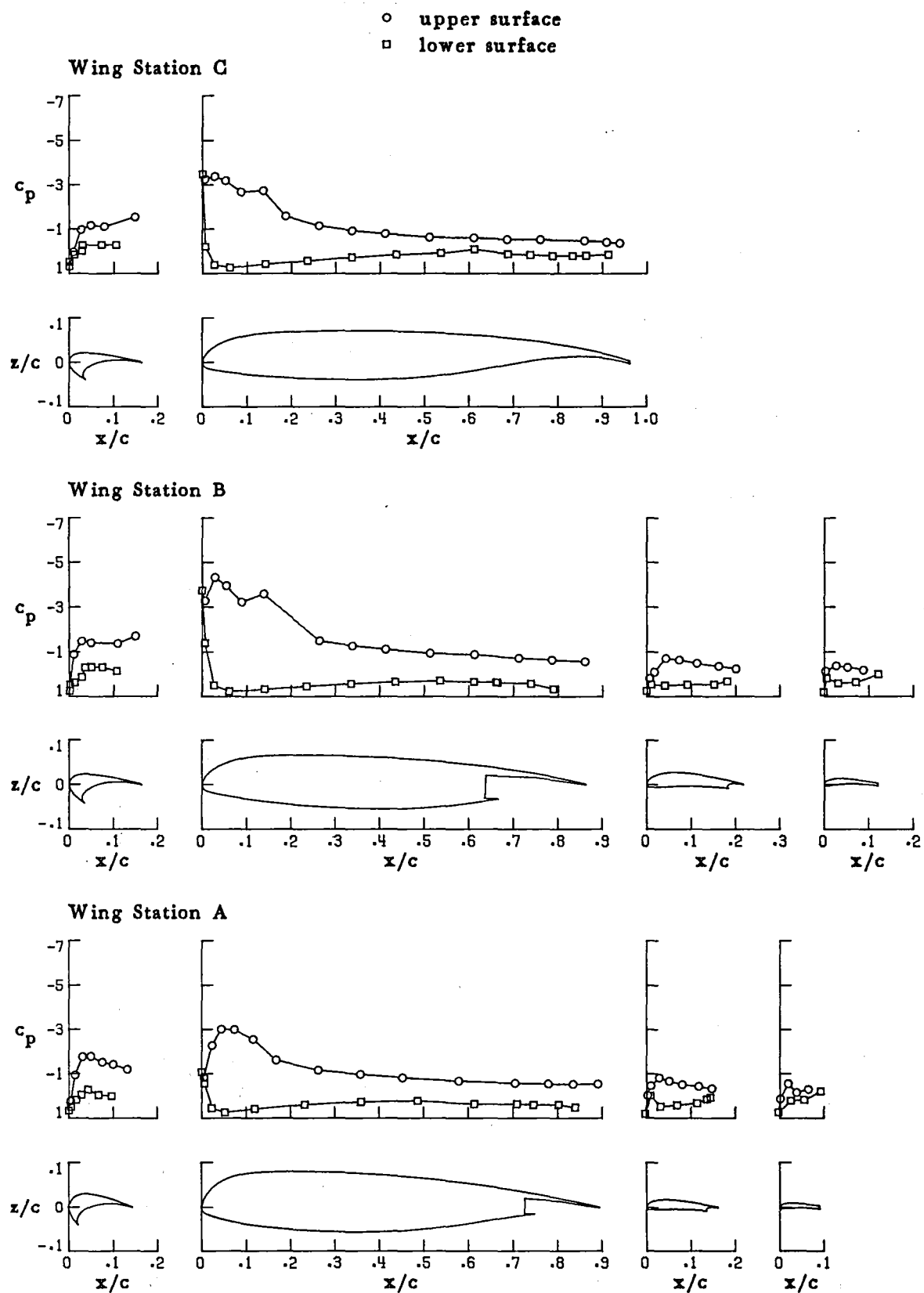


### Wing Station A



(e)  $\alpha = 12.377^\circ$

Figure 14.-Continued.

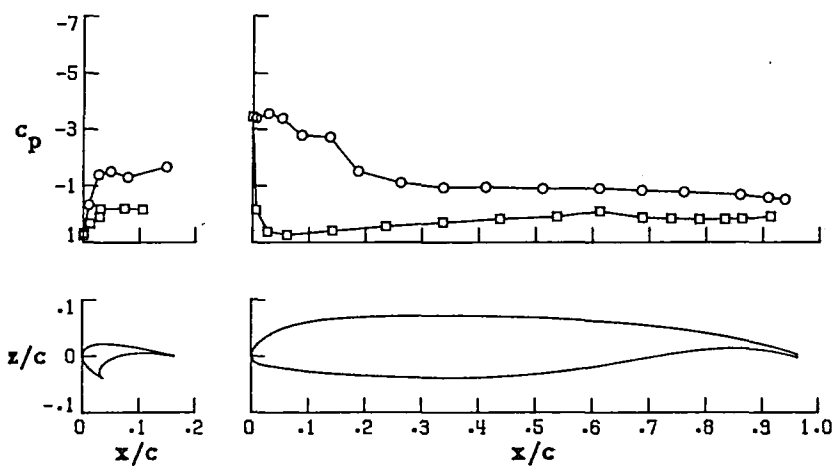


(f)  $\alpha = 14.434^\circ$

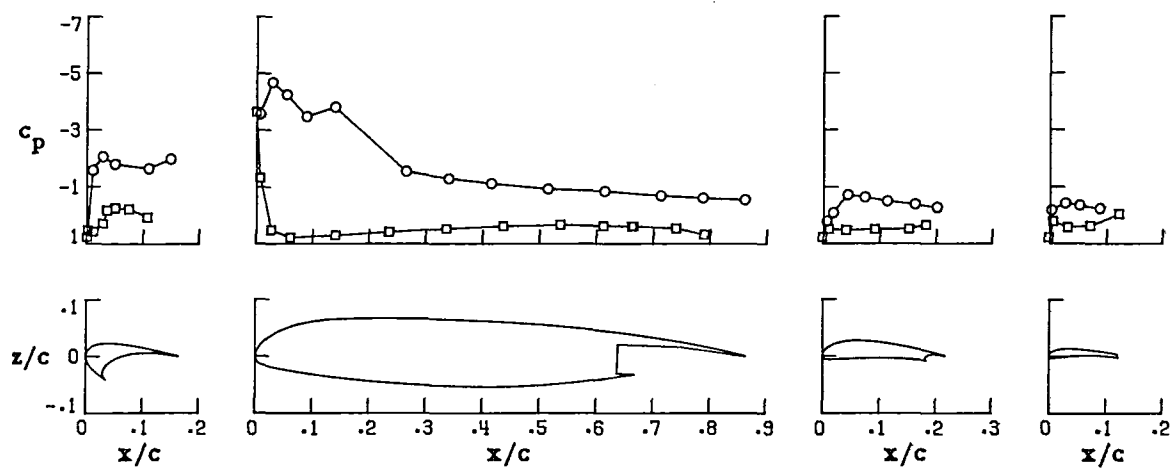
Figure 14-Continued.

○ upper surface  
□ lower surface

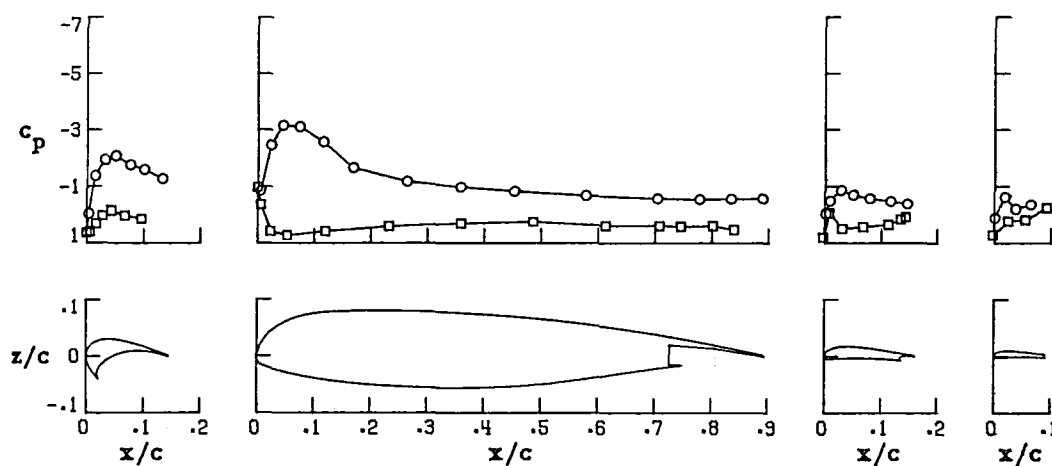
### Wing Station C



### Wing Station B

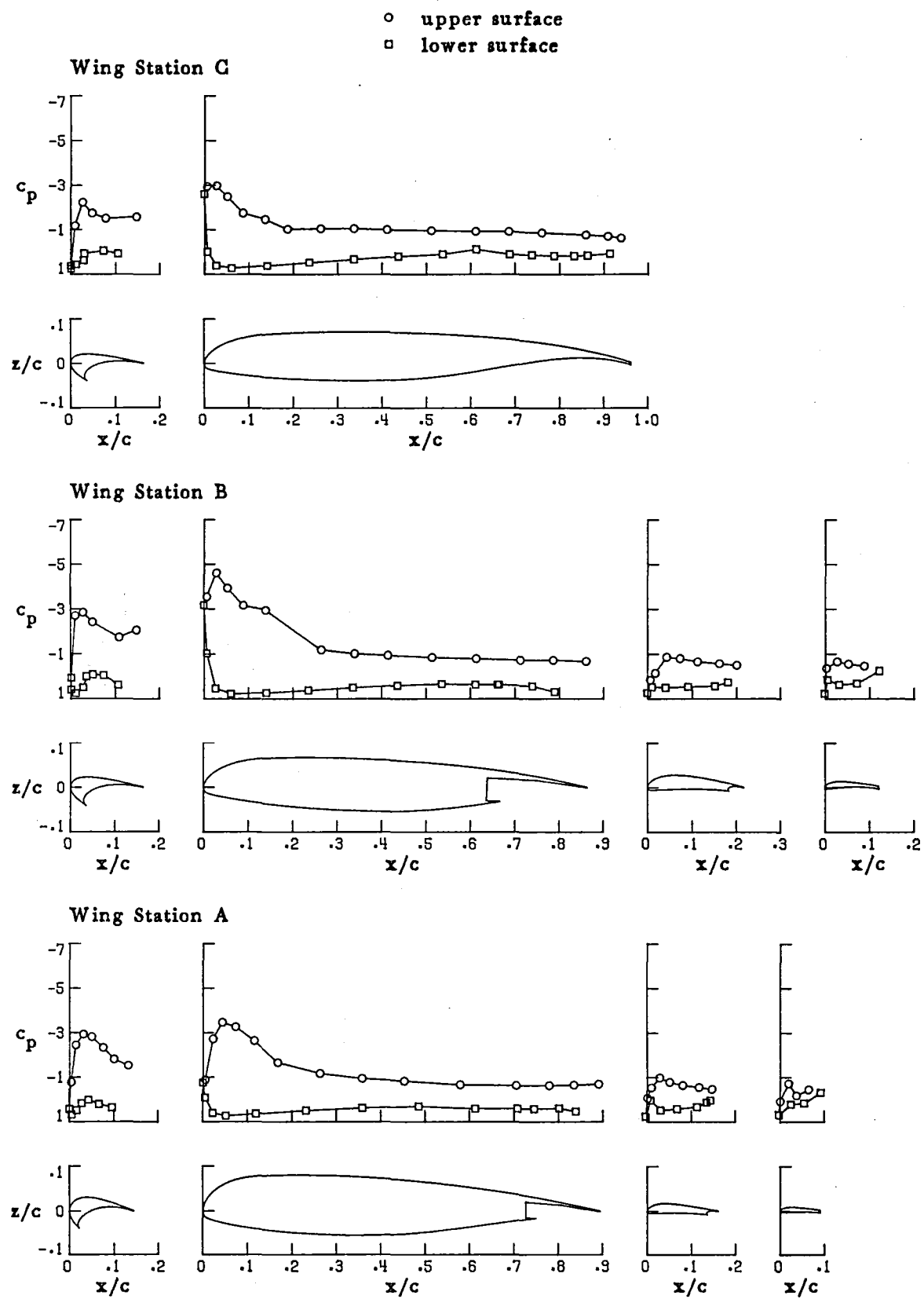


### Wing Station A



(g)  $\alpha = 16.396^\circ$

Figure 14.-Continued.



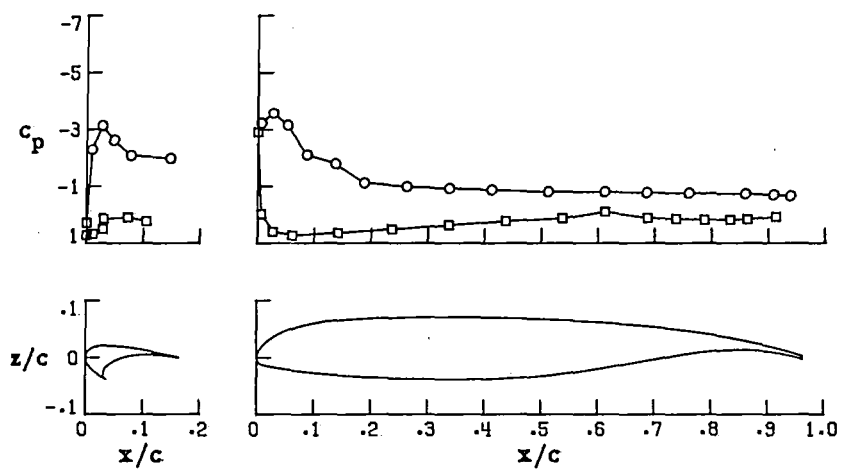
(h)  $\alpha = 20.491^\circ$

Figure 14-Continued.

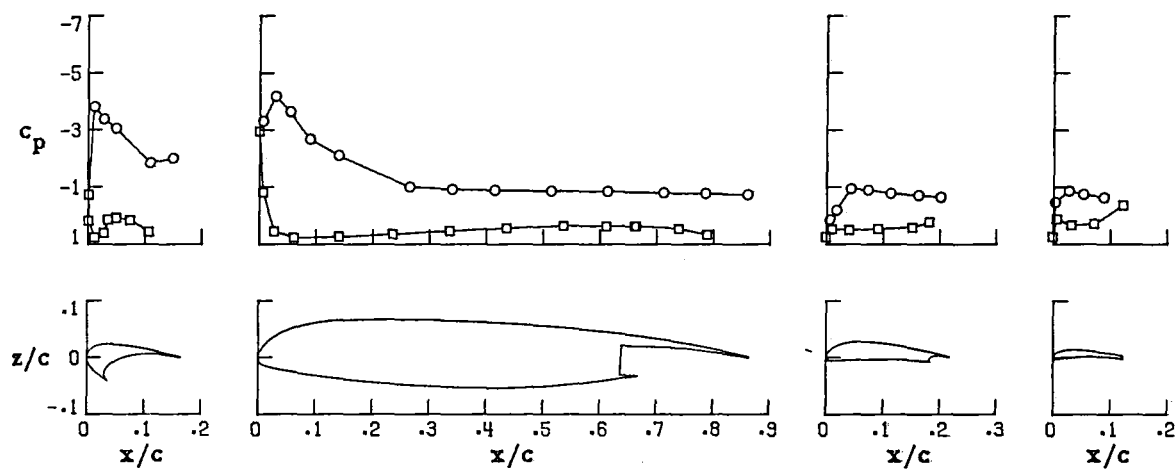


○ upper surface  
□ lower surface

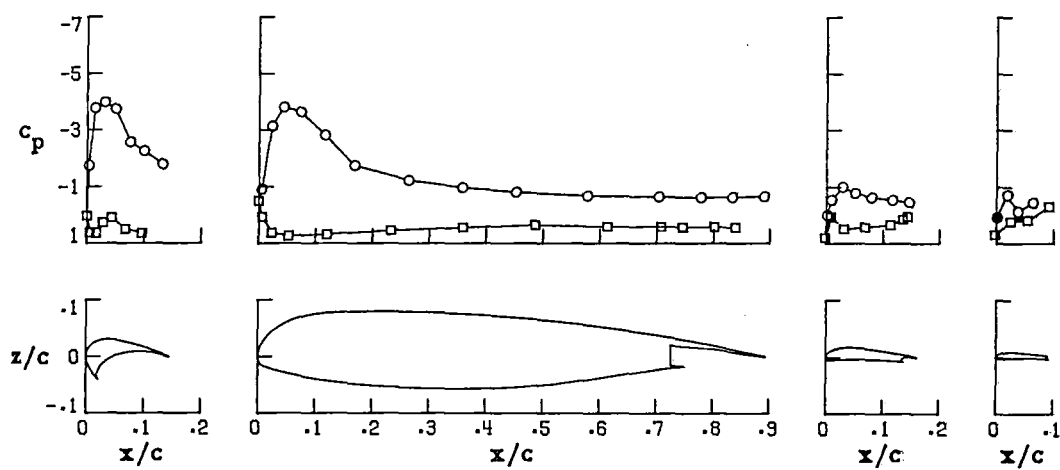
### Wing Station C



### Wing Station B

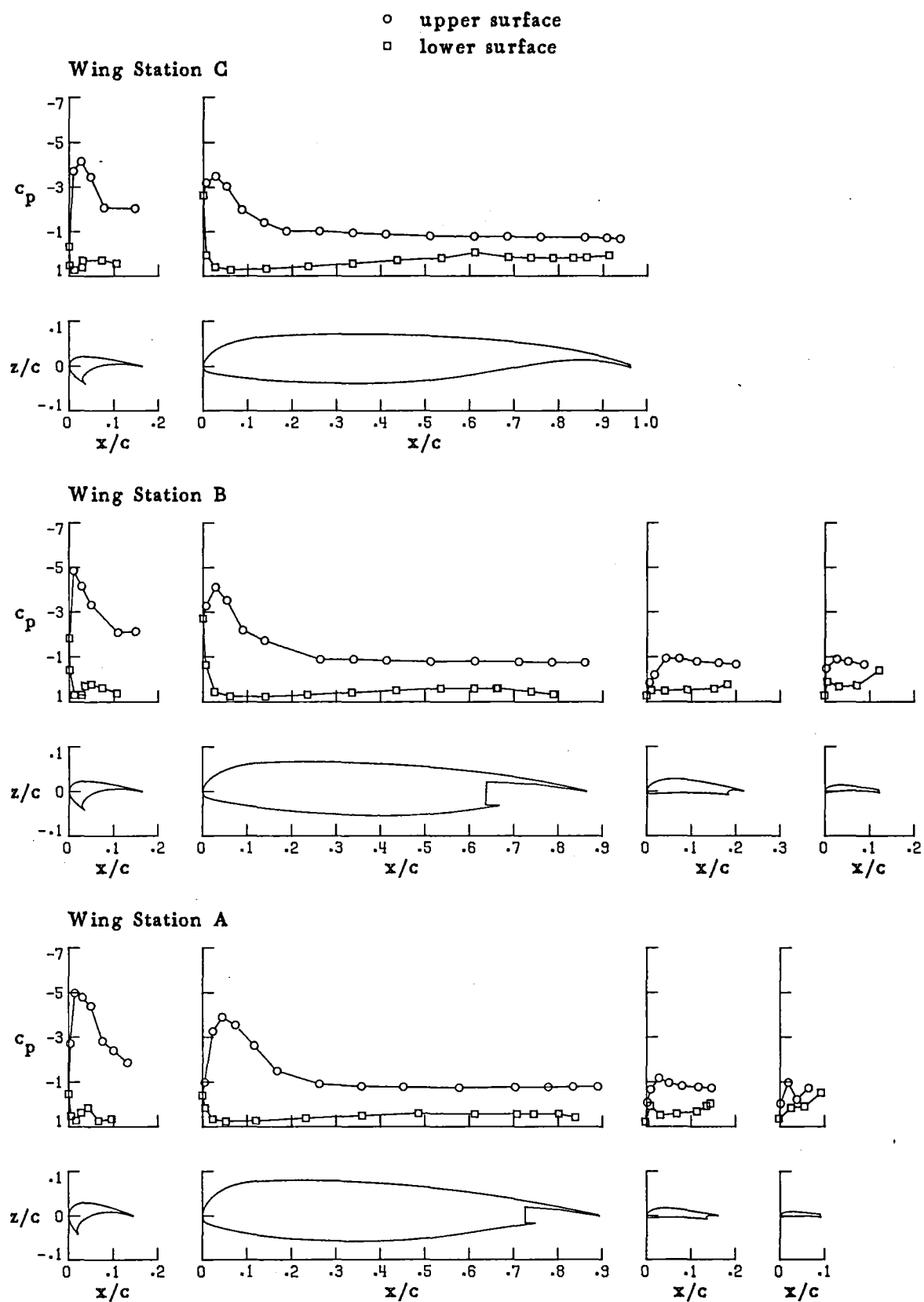


### Wing Station A



(i)  $\alpha = 24.490^\circ$

Figure 14-Continued.



(j)  $\alpha = 28.602^\circ$

Figure 14.-Concluded.

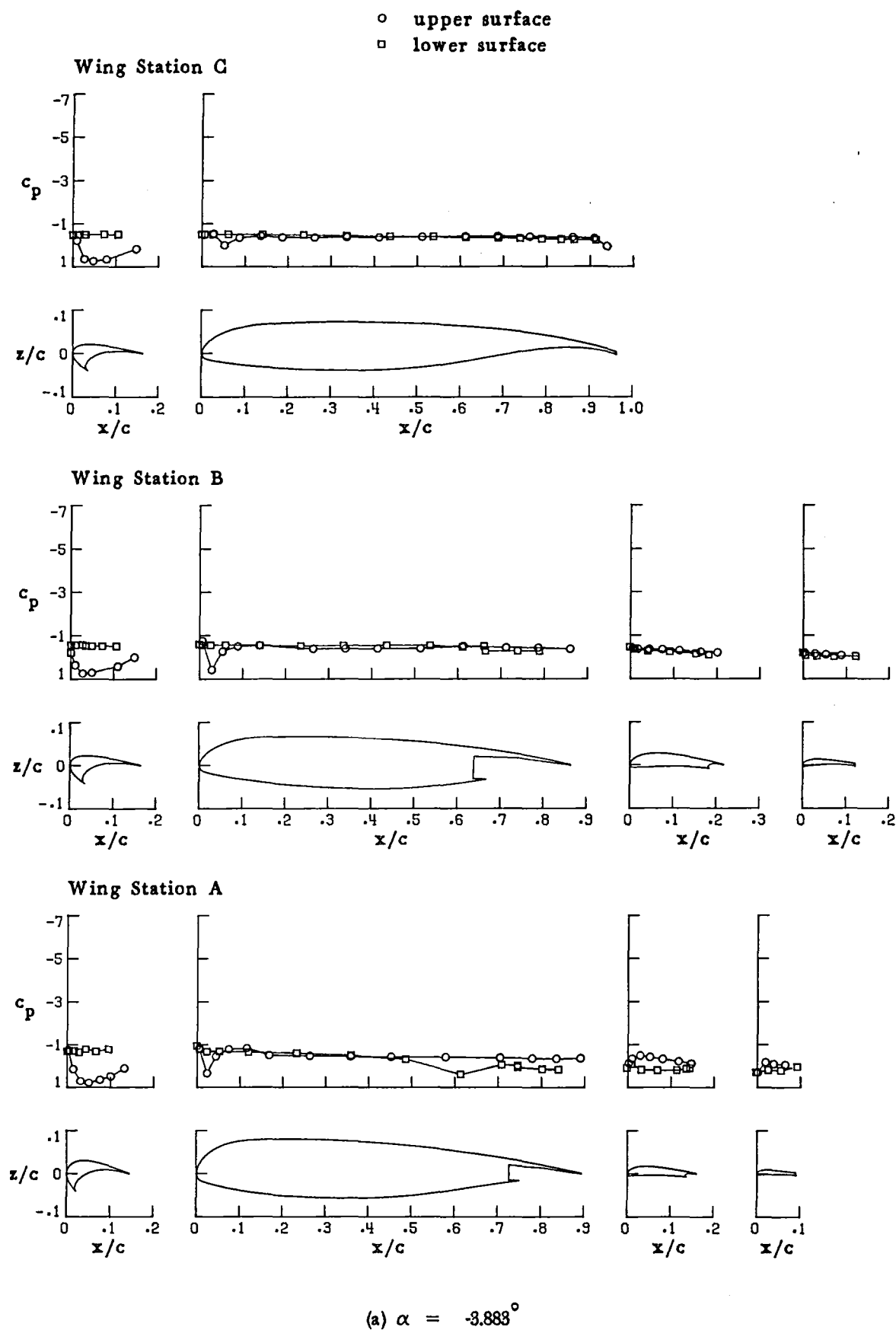
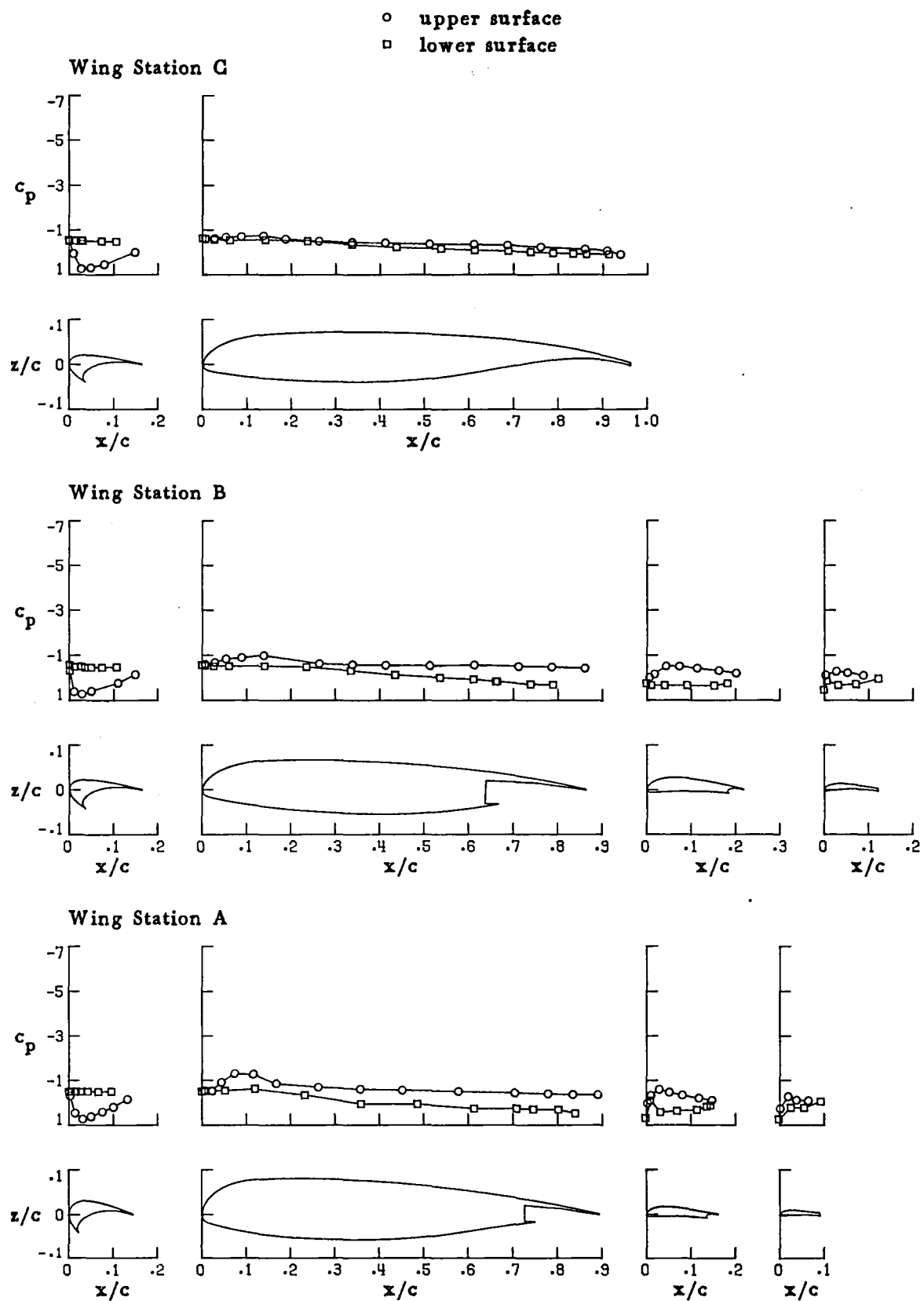


Figure 15. - Pressure distributions for aspect-ratio-10,  $15^\circ$  take-off flap wing configuration with  $-50^\circ$  deflection of inboard slat. (Run 61)



(b)  $\alpha = .215^\circ$

Figure 15.-Continued.

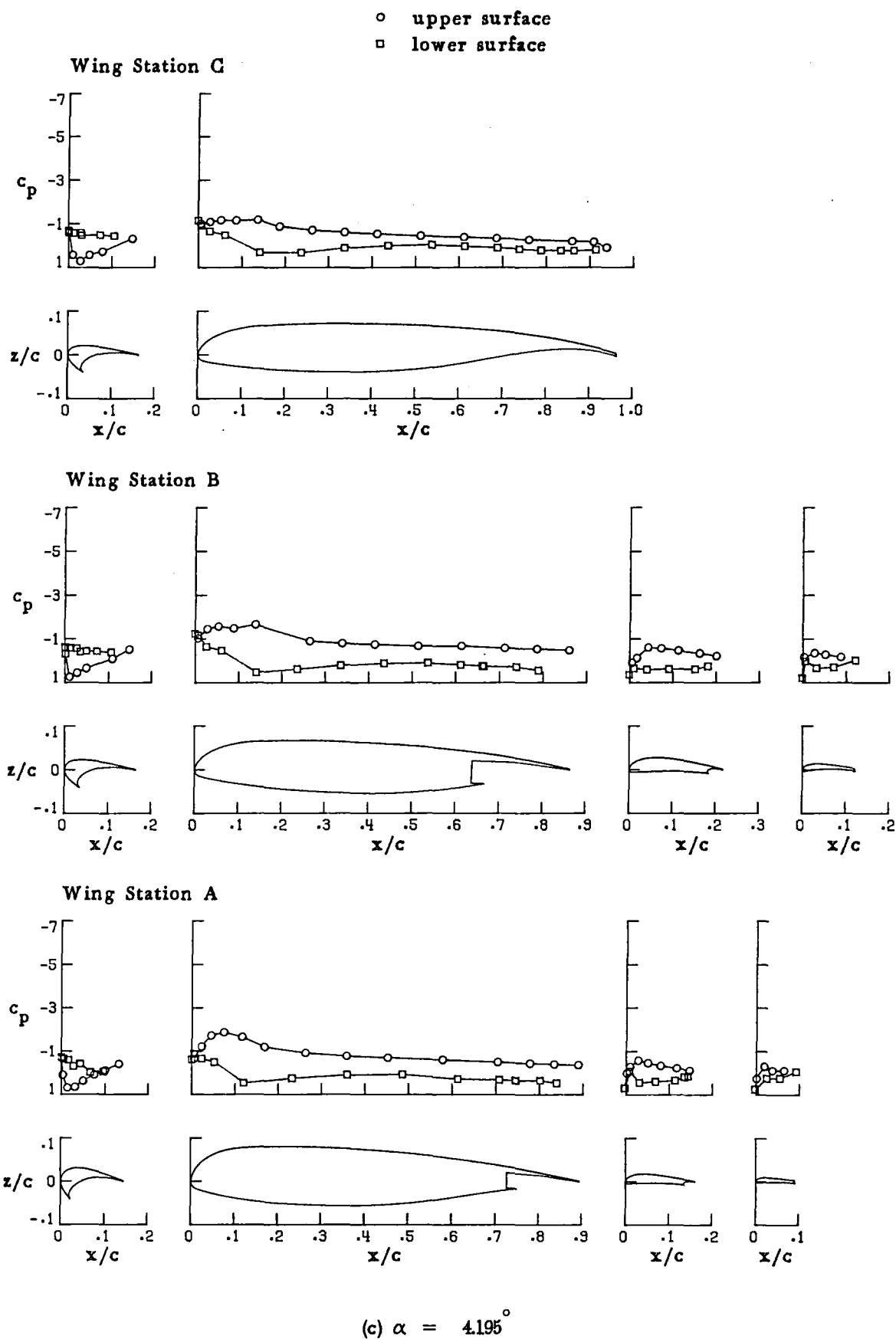
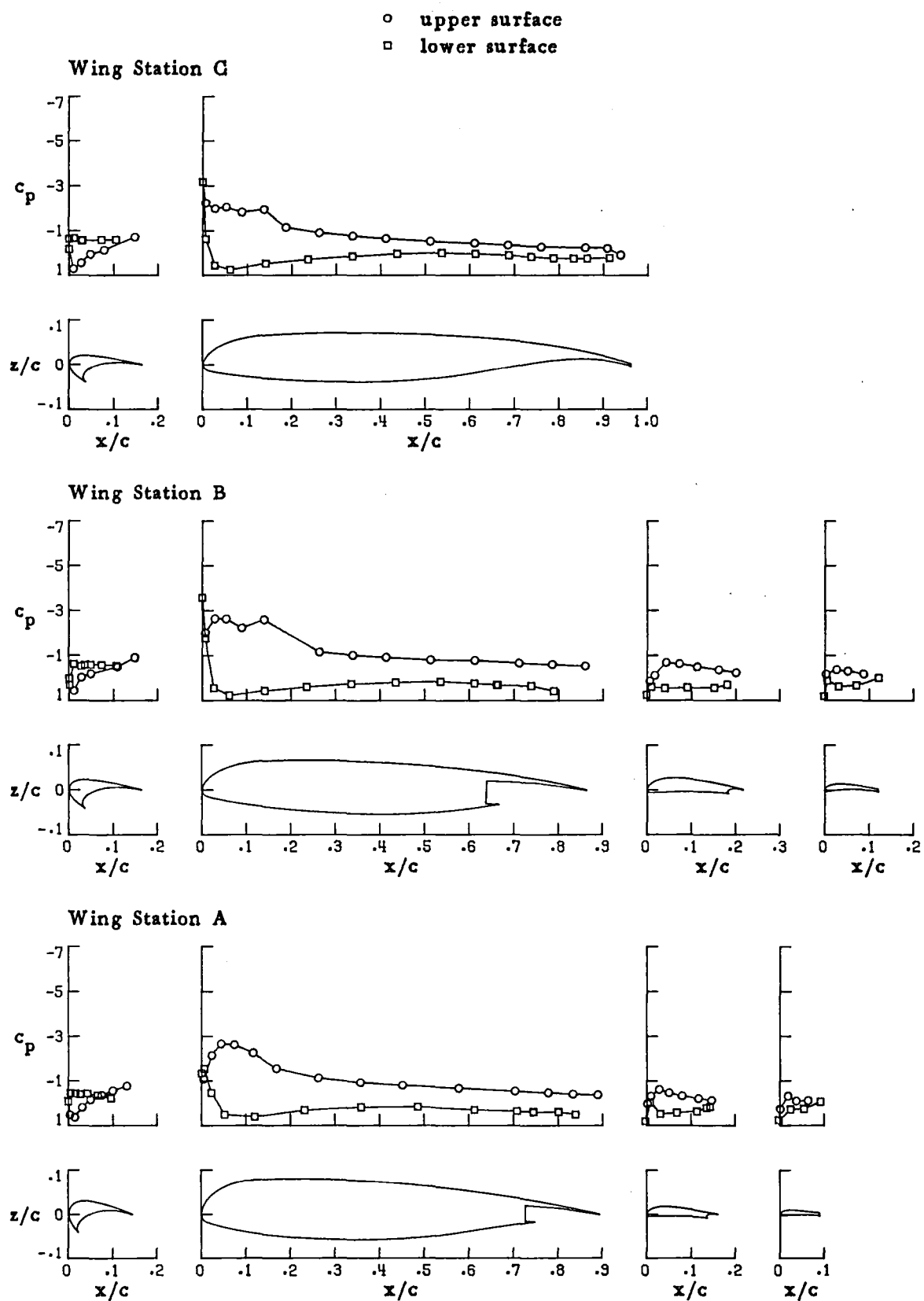
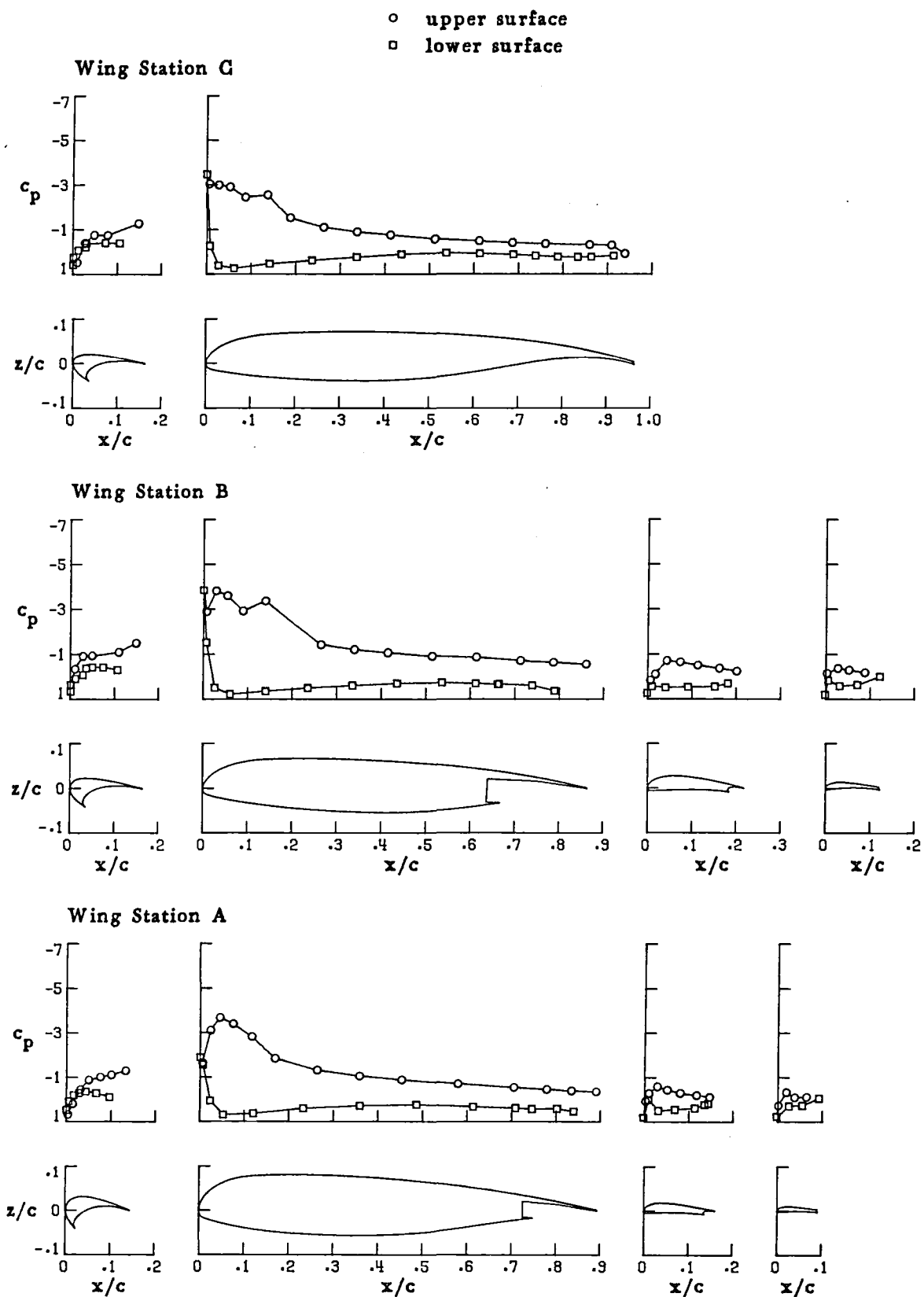


Figure 15.-Continued.



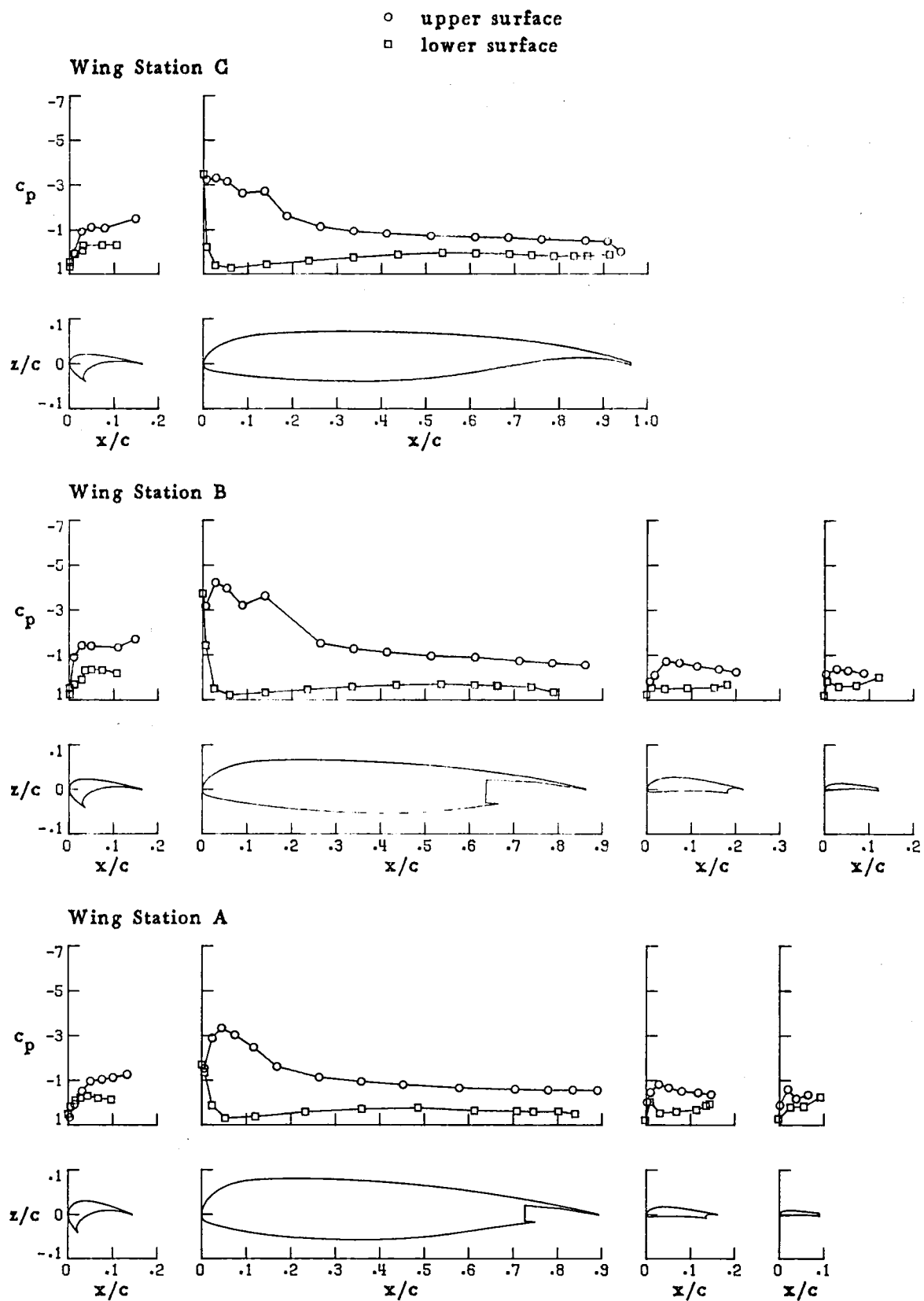
(d)  $\alpha = 8.333^\circ$

Figure 15.-Continued.



(e)  $\alpha = 12.285^\circ$

Figure 15.-Continued.



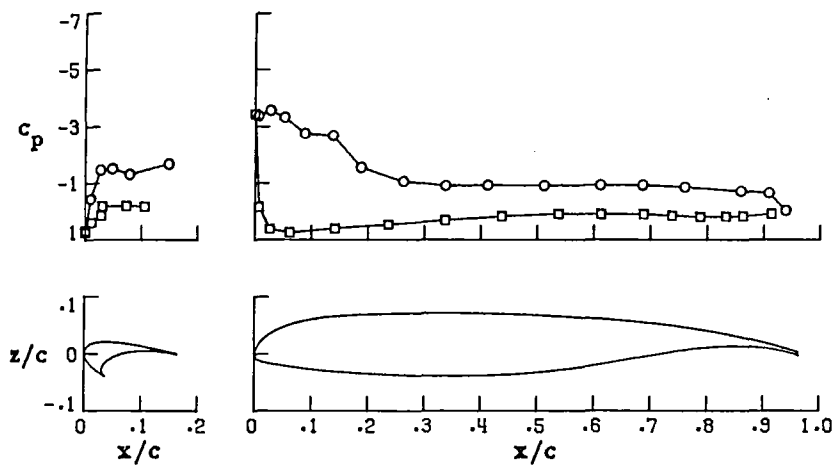
(F)  $\alpha = 14.841^\circ$

Figure 15.-Continued.

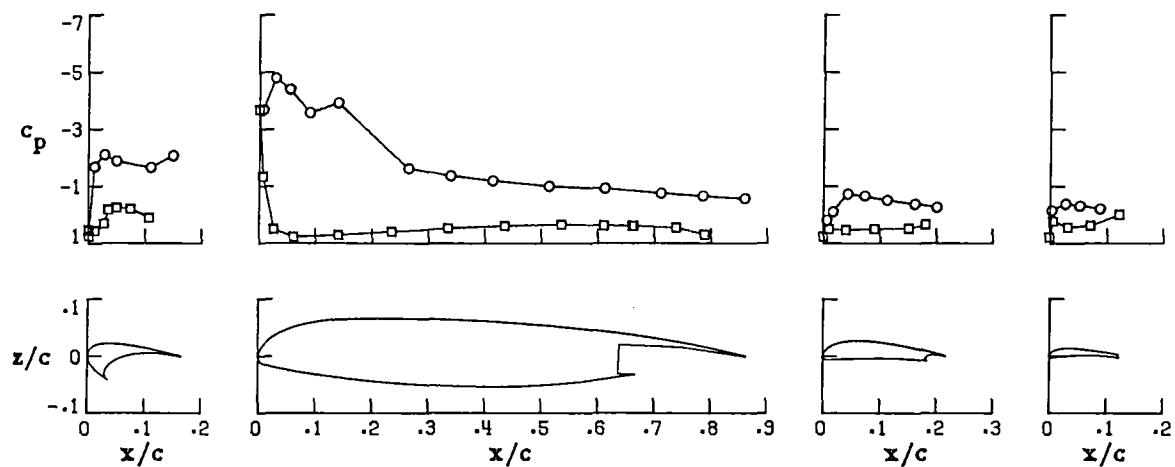


○ upper surface  
□ lower surface

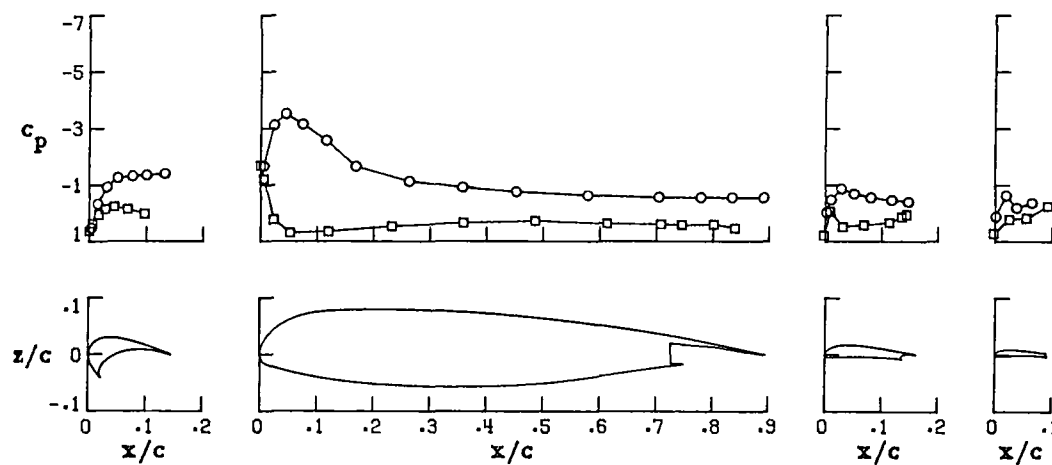
### Wing Station G



### Wing Station B



### Wing Station A

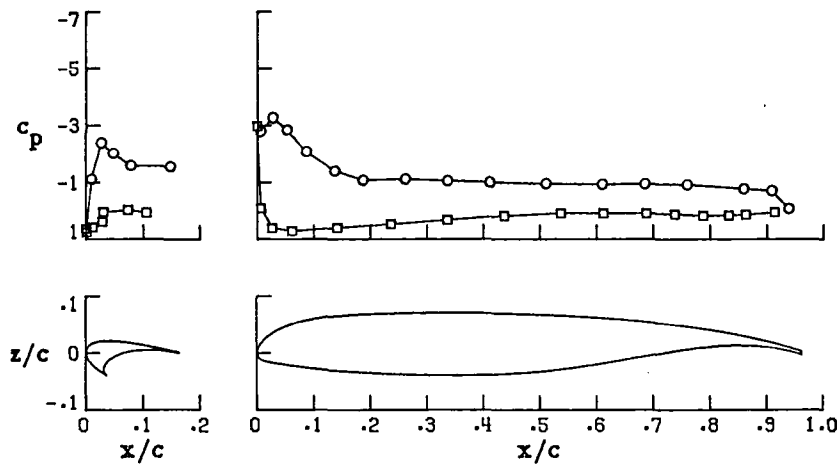


(g)  $\alpha = 16.428^\circ$

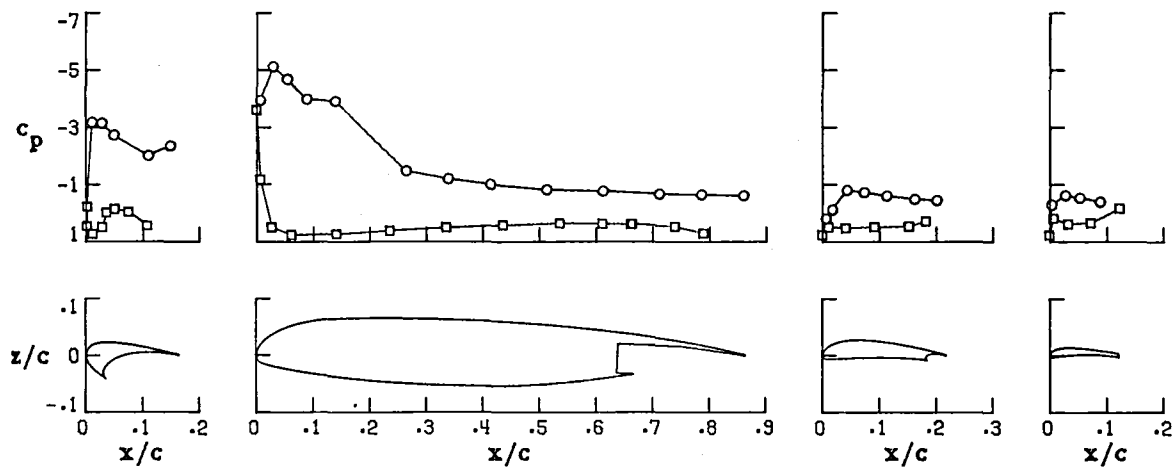
Figure 15.-Continued.

○ upper surface  
□ lower surface

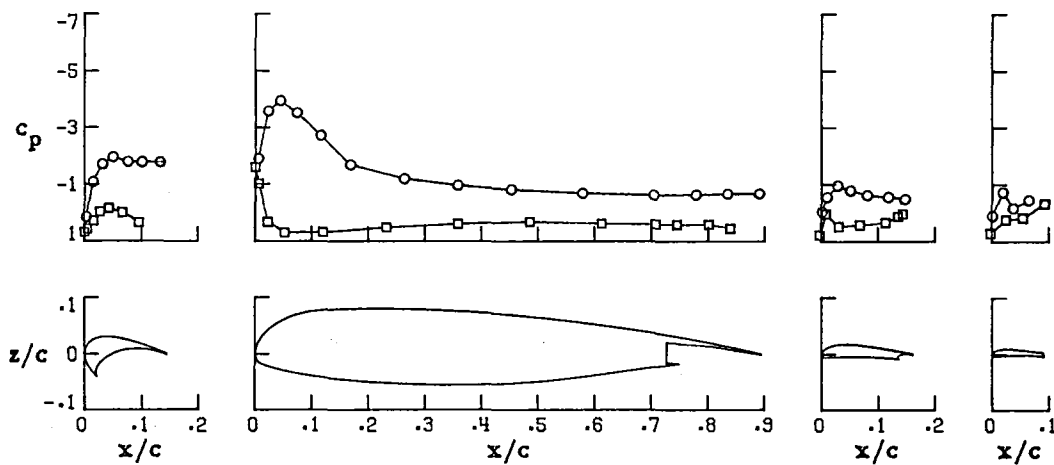
### Wing Station C



### Wing Station B



### Wing Station A

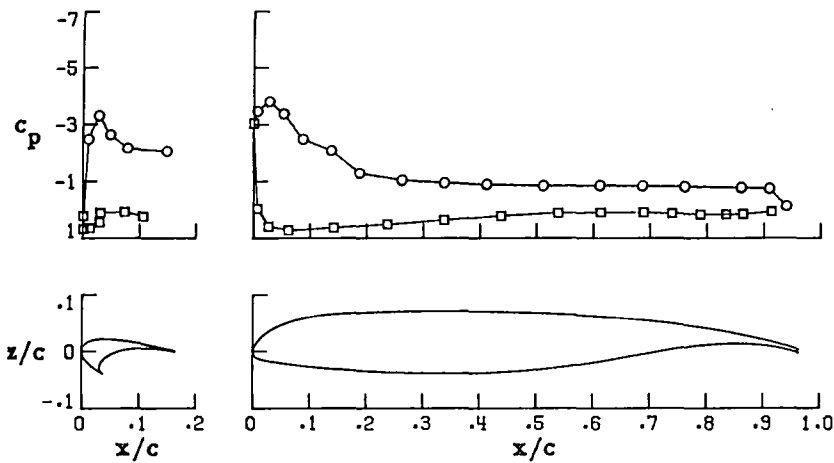


(h)  $\alpha = 20.439^\circ$

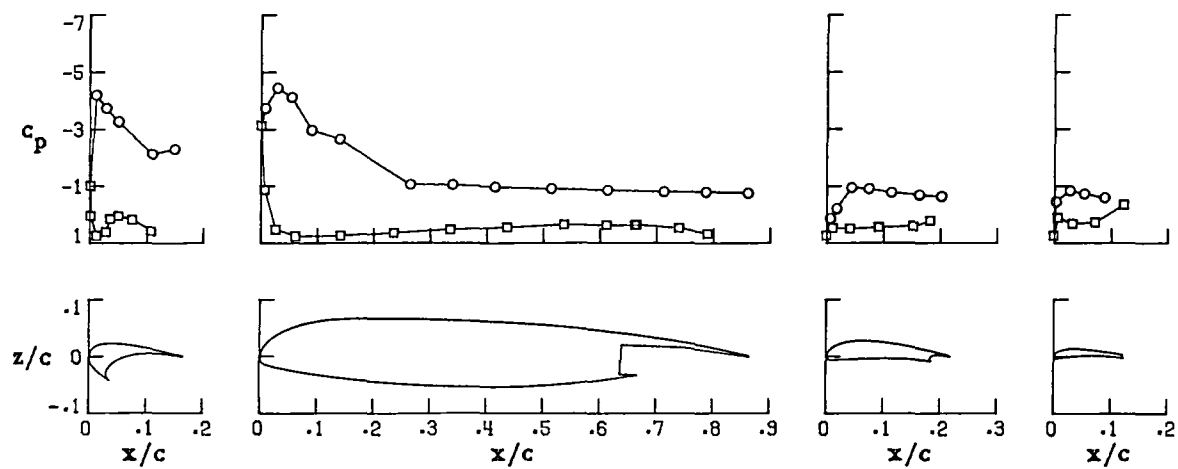
Figure 15.-Continued.

○ upper surface  
□ lower surface

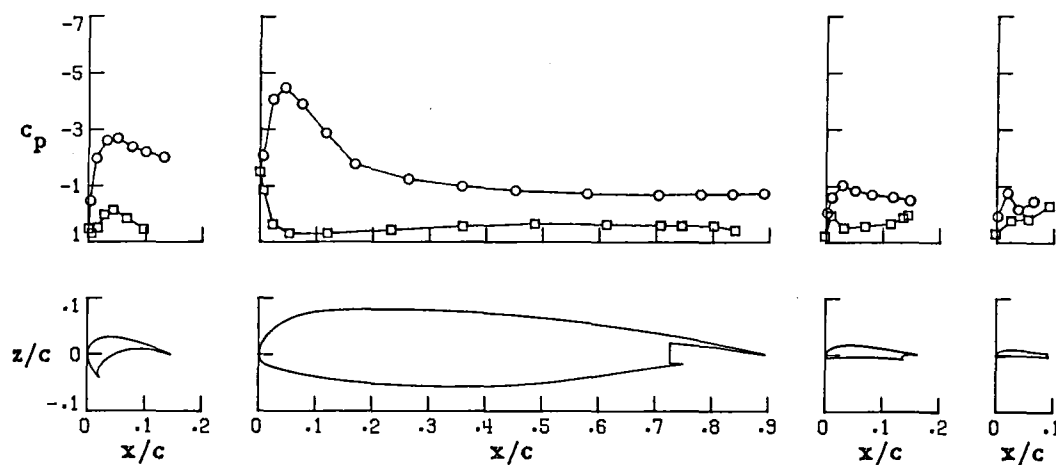
### Wing Station C



### Wing Station B

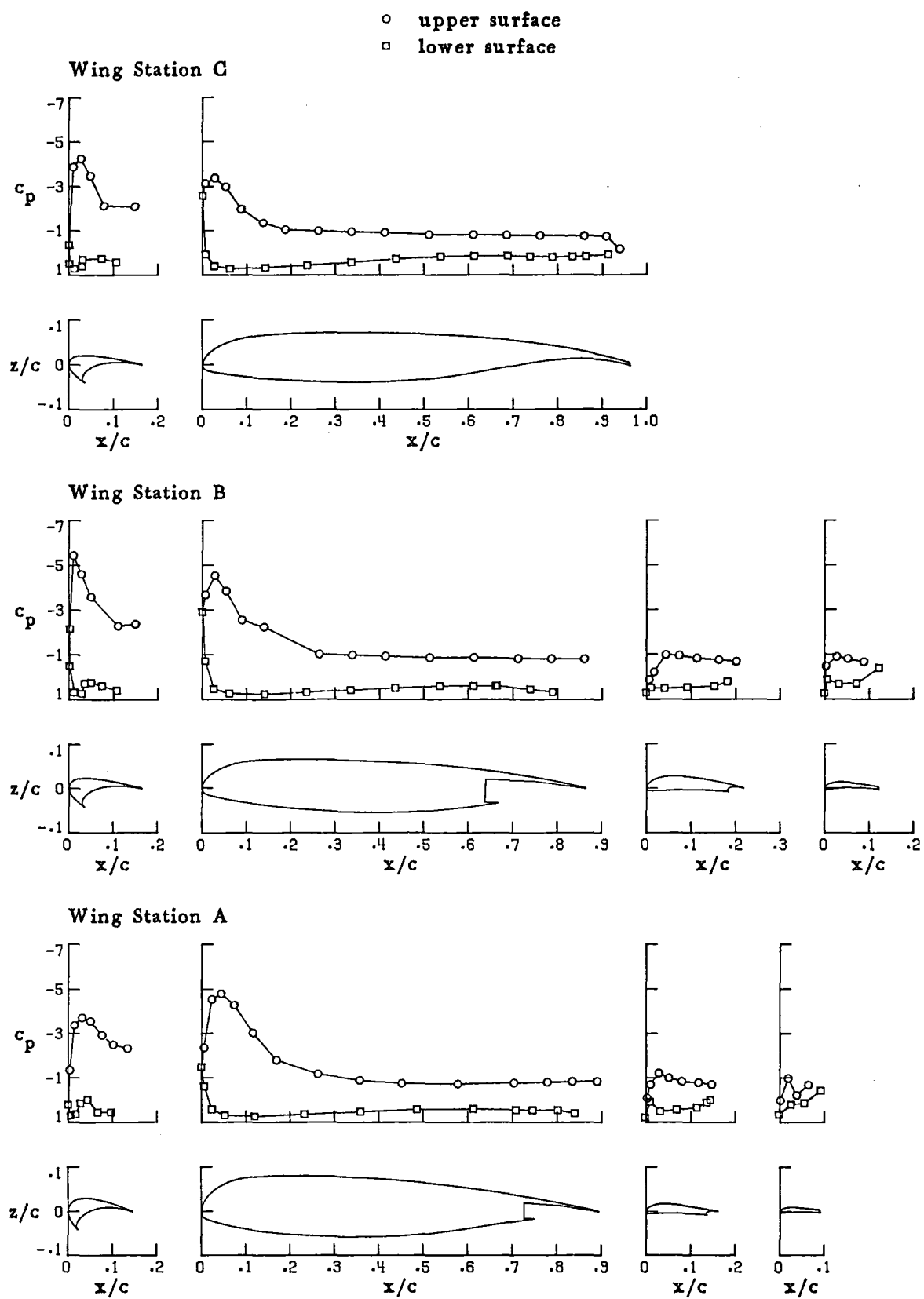


### Wing Station A



(i)  $\alpha = 24.495^\circ$

Figure 15.-Continued.



(j)  $\alpha = 28.600^\circ$

Figure 15.-Concluded.

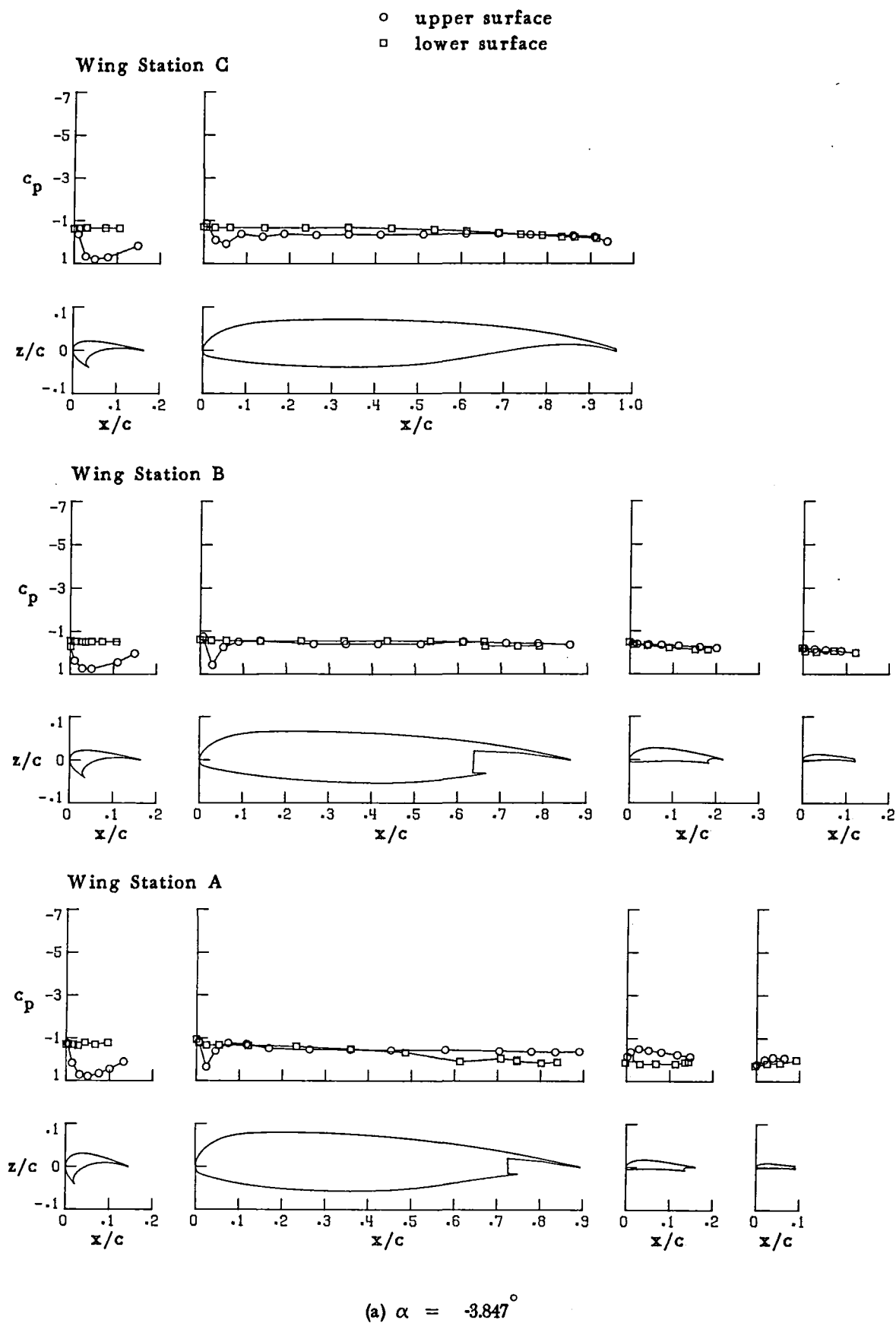
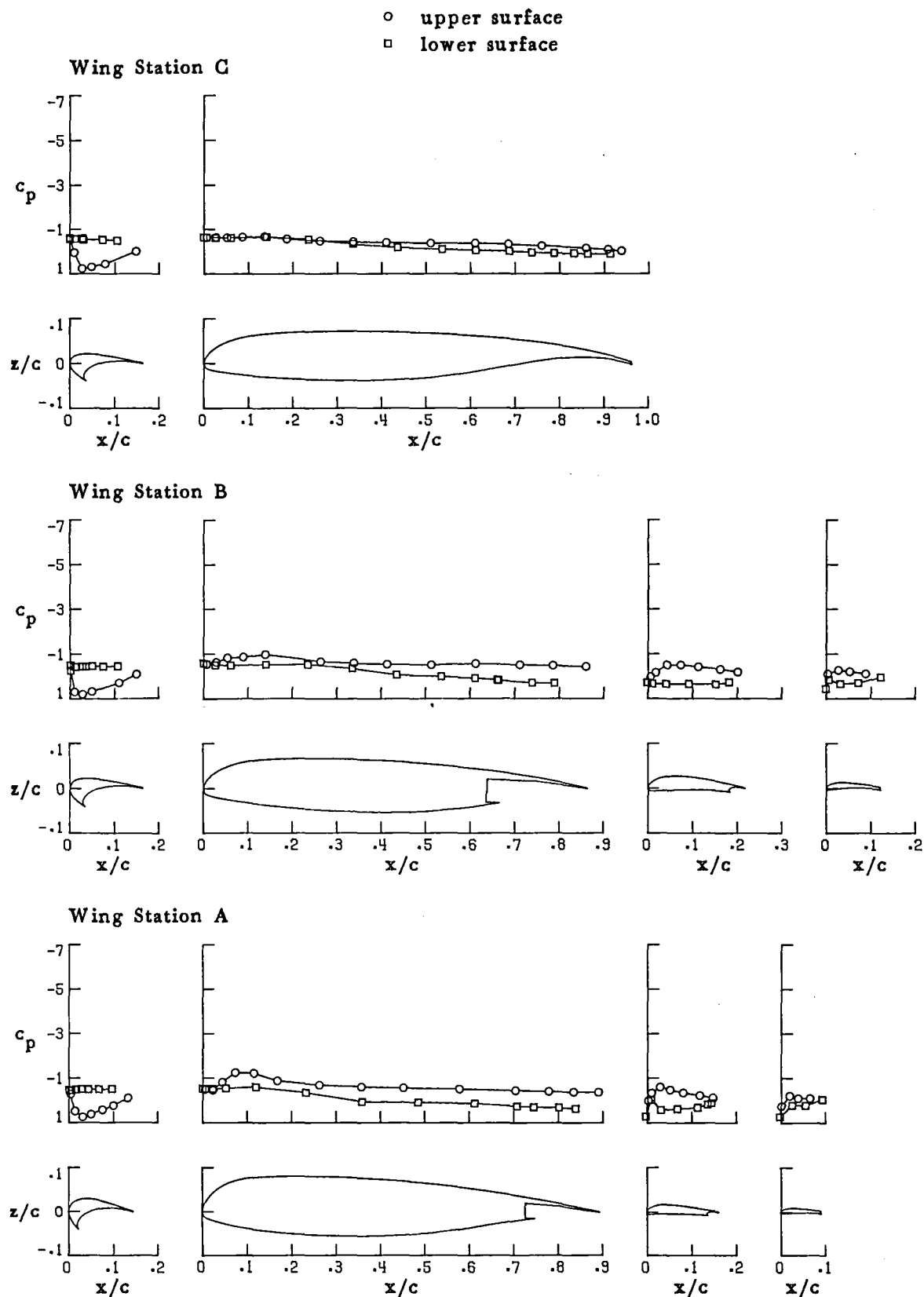
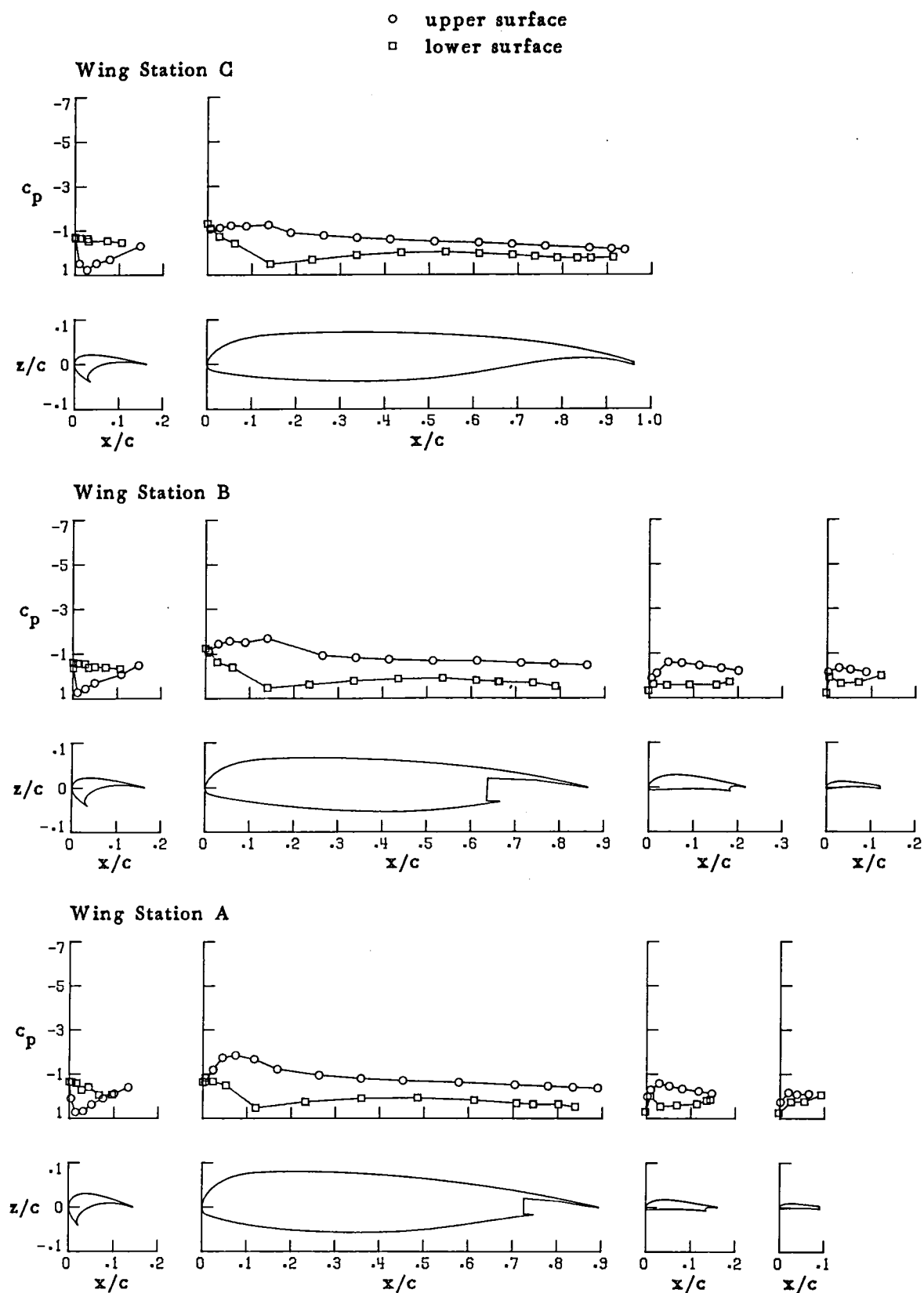


Figure 16. - Pressure distributions for aspect-ratio-12,  $15^\circ$  take-off flap wing configuration with  $-50^\circ$  deflection of inboard slat. (Run 70)



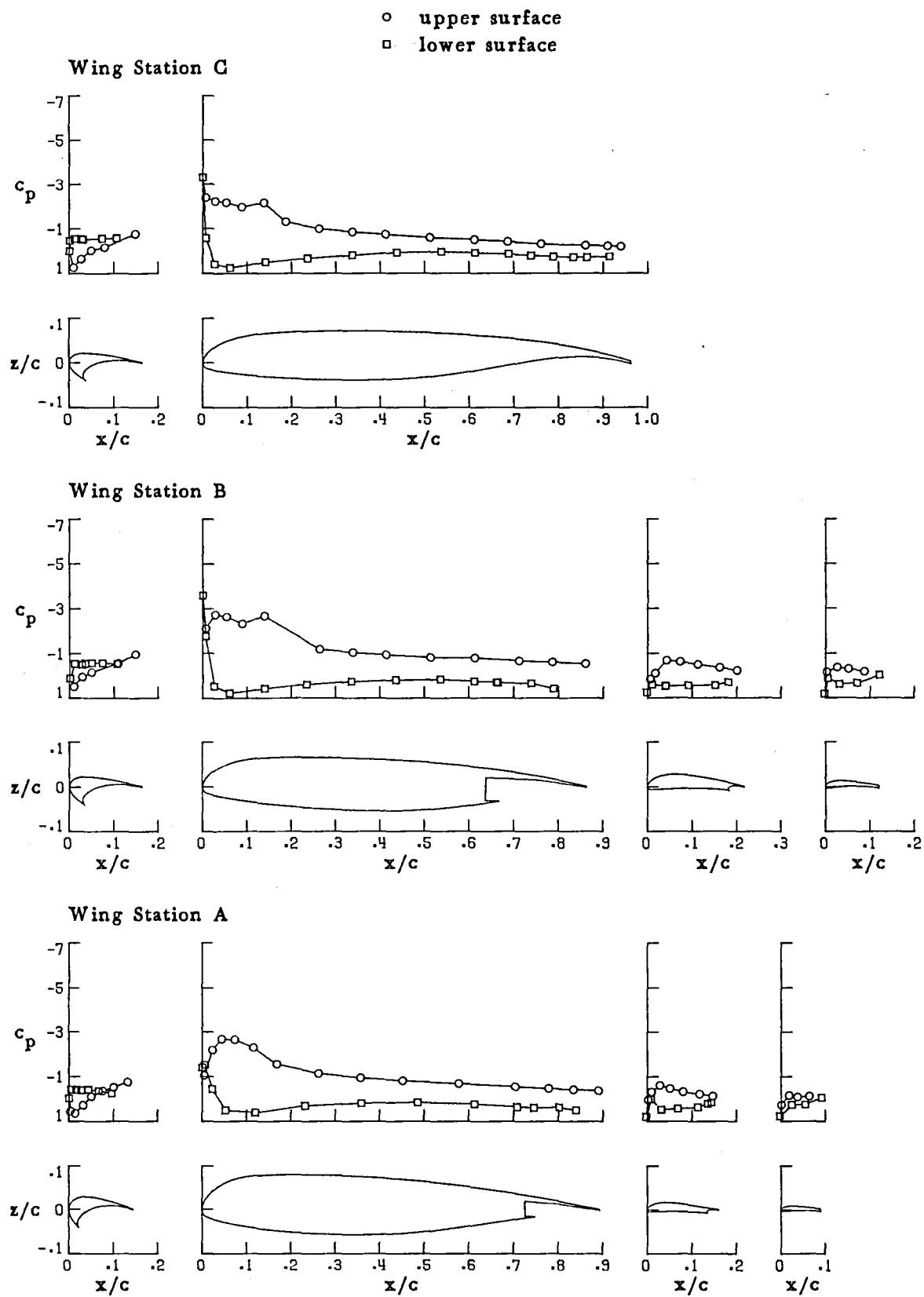
(b)  $\alpha = .117^\circ$

Figure 16.-Continued.



(c)  $\alpha = 4.205^\circ$

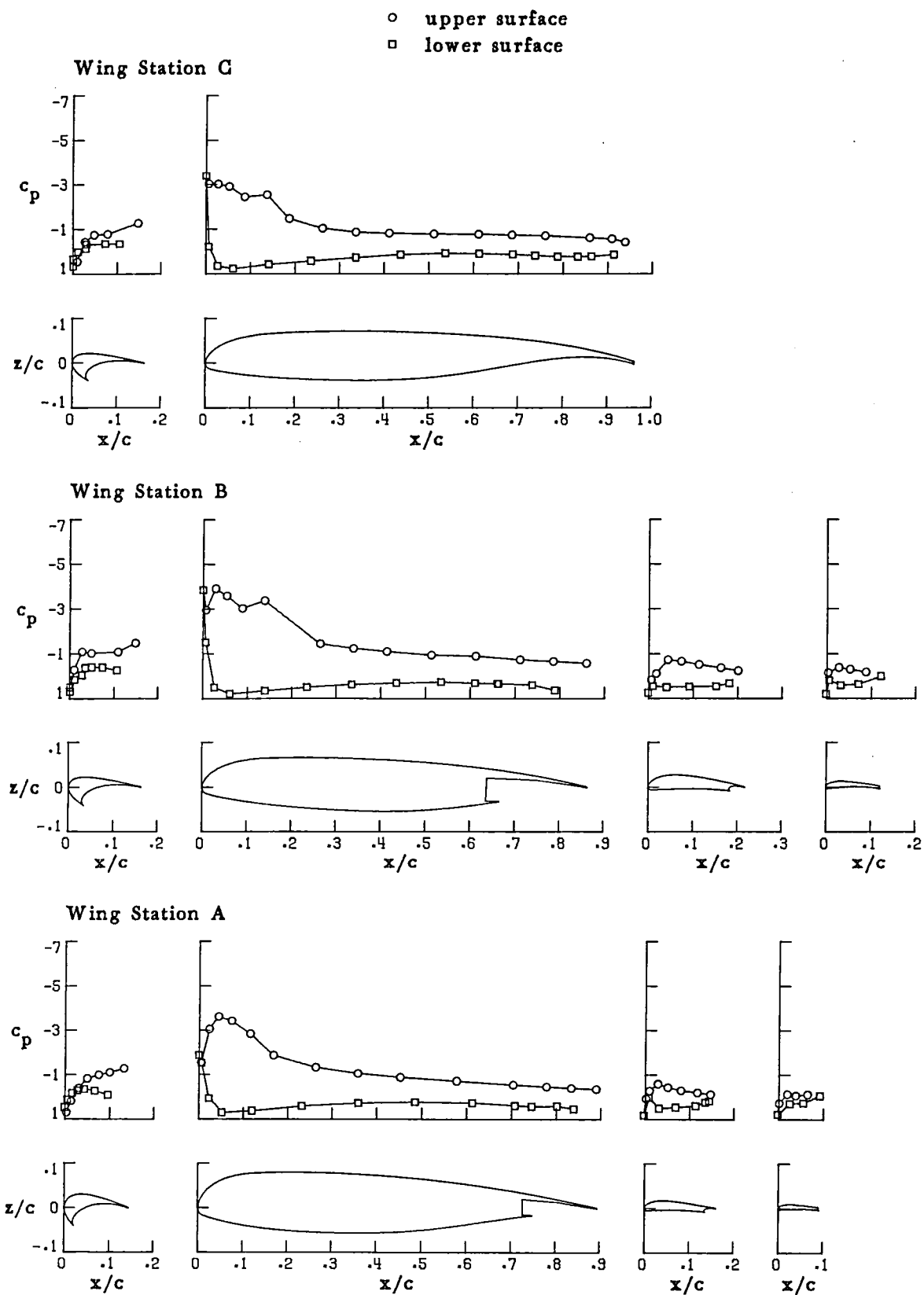
Figure 16.-Continued.



(d)  $\alpha = 8.387^\circ$

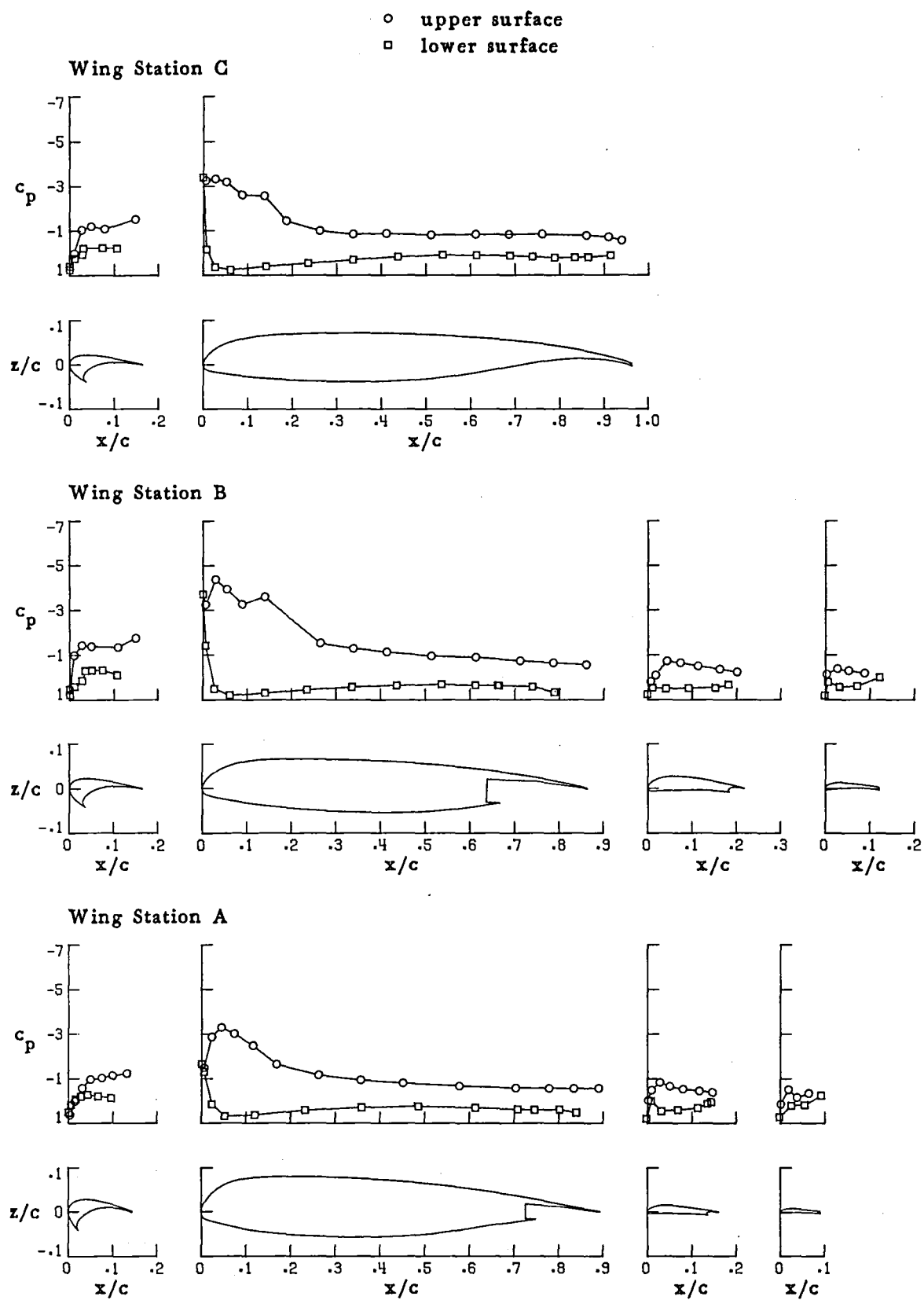
Figure 16.-Continued.





(e)  $\alpha = 12.375^\circ$

Figure 16.-Continued.

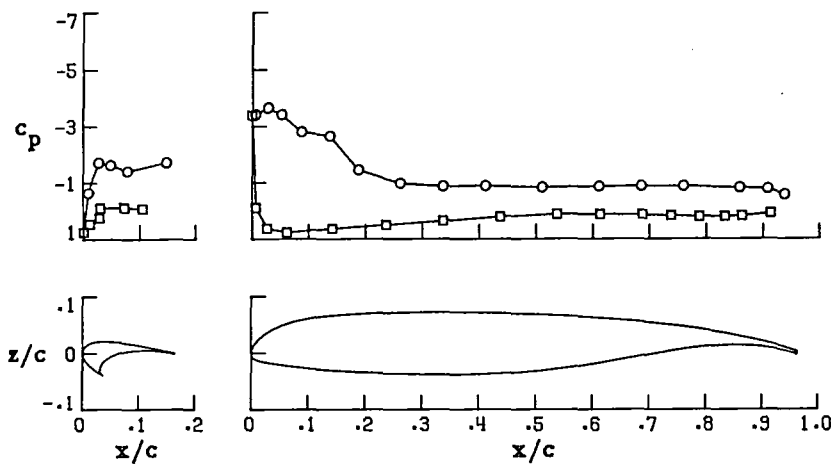


(f)  $\alpha = 14.405^\circ$

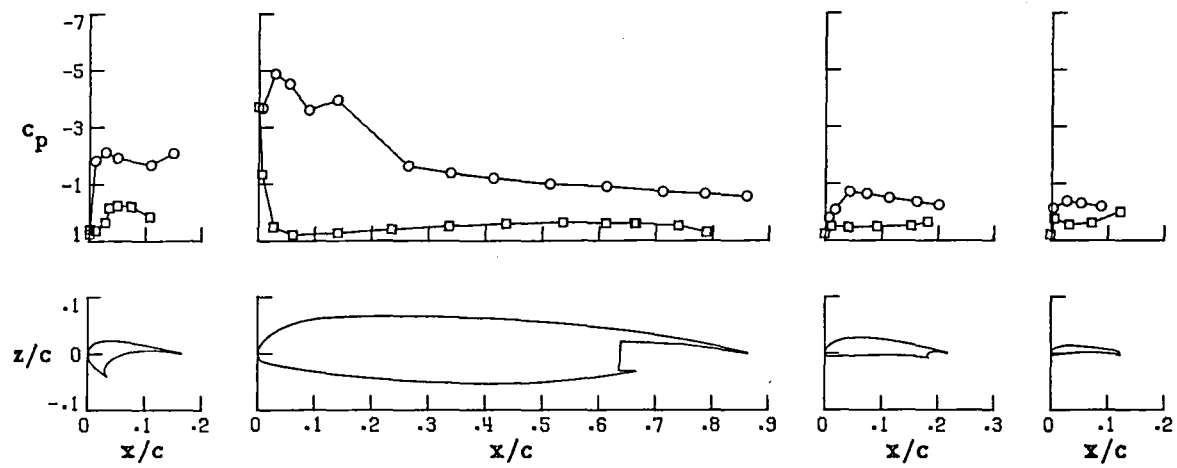
Figure 16.-Continued.

○ upper surface  
□ lower surface

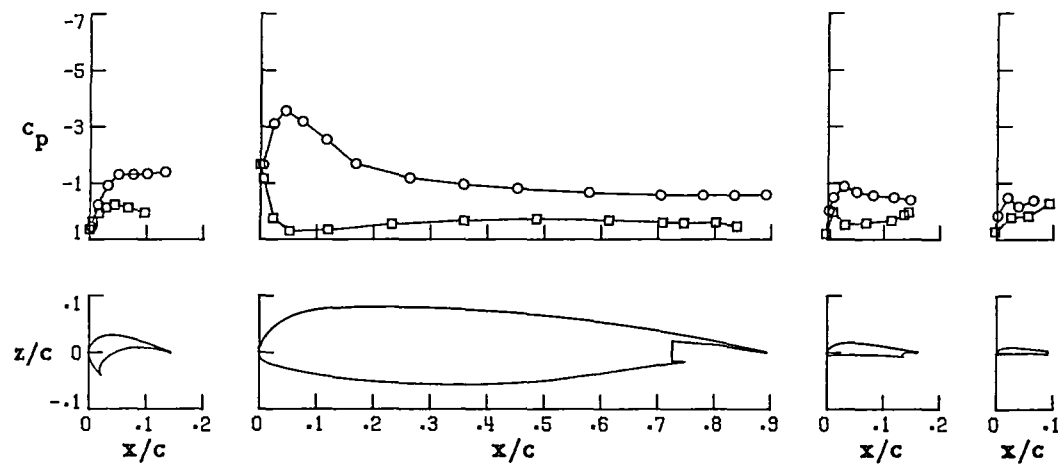
### Wing Station C



### Wing Station B

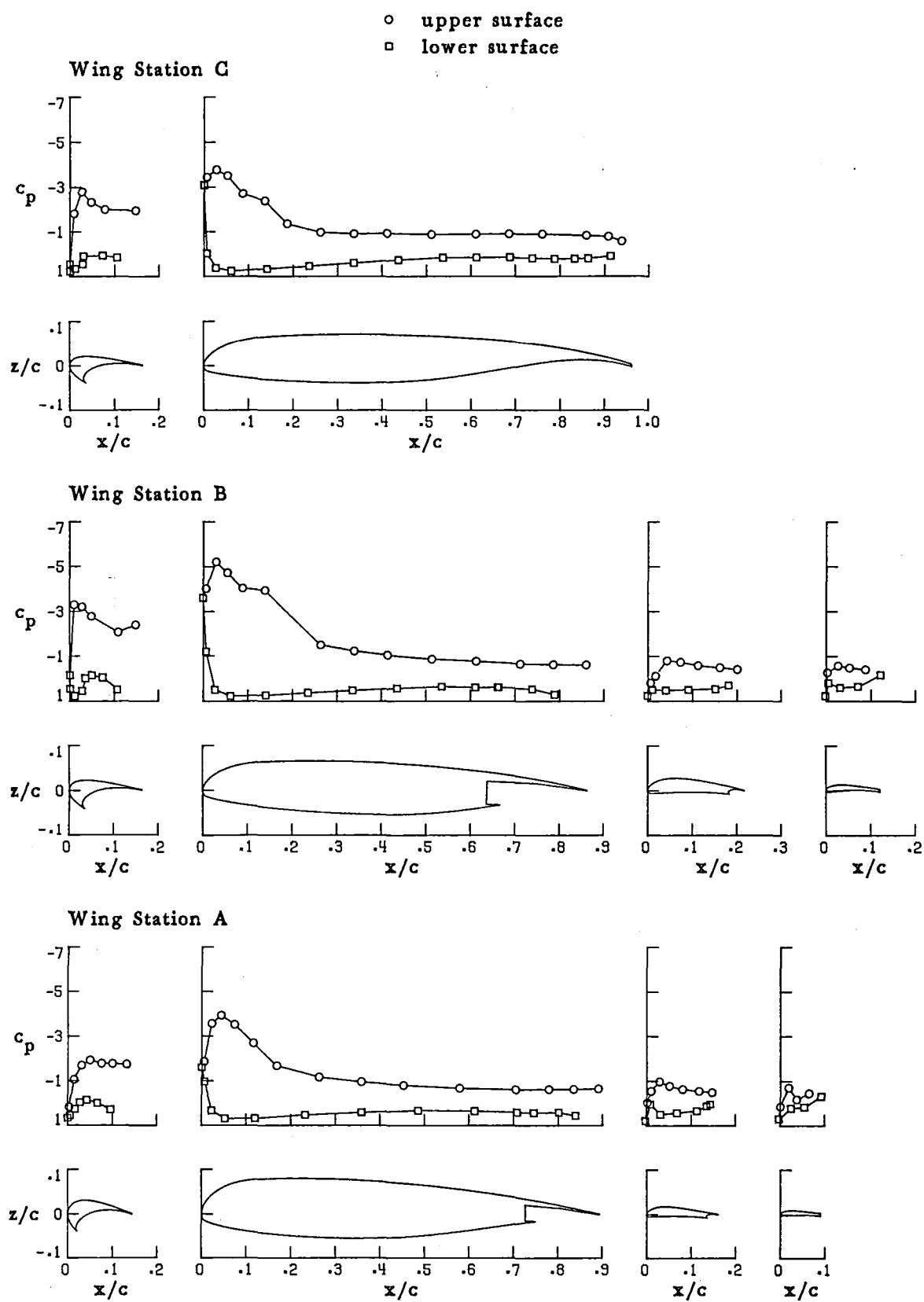


### Wing Station A



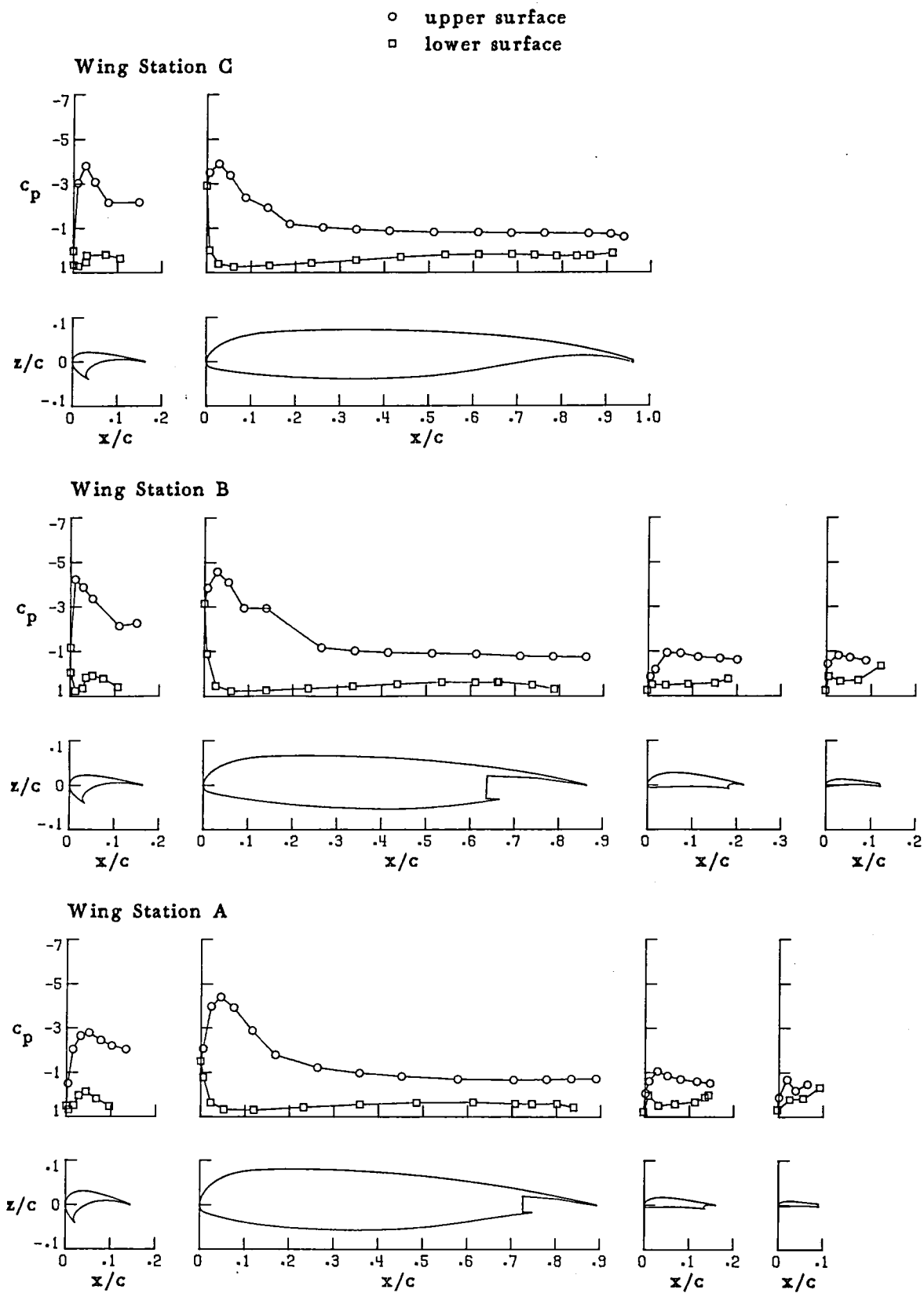
$$(g) \alpha = 16.463^\circ$$

Figure 16.-Continued.



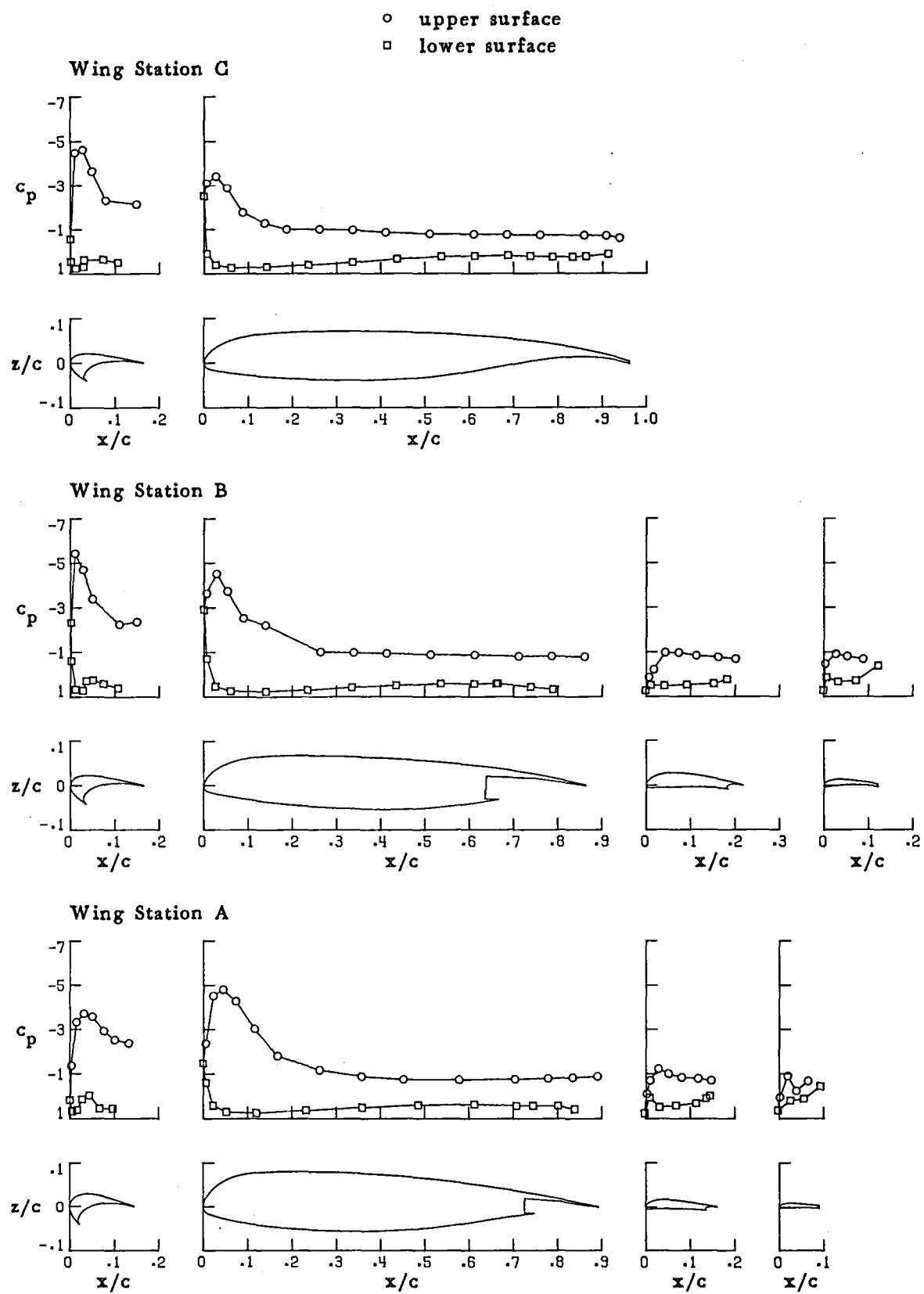
(h)  $\alpha = 20.373^\circ$

Figure 16.-Continued.



(i)  $\alpha = 24.599^\circ$

Figure 16.-Continued.



(j)  $\alpha = 28.490^\circ$

Figure 16.-Concluded.

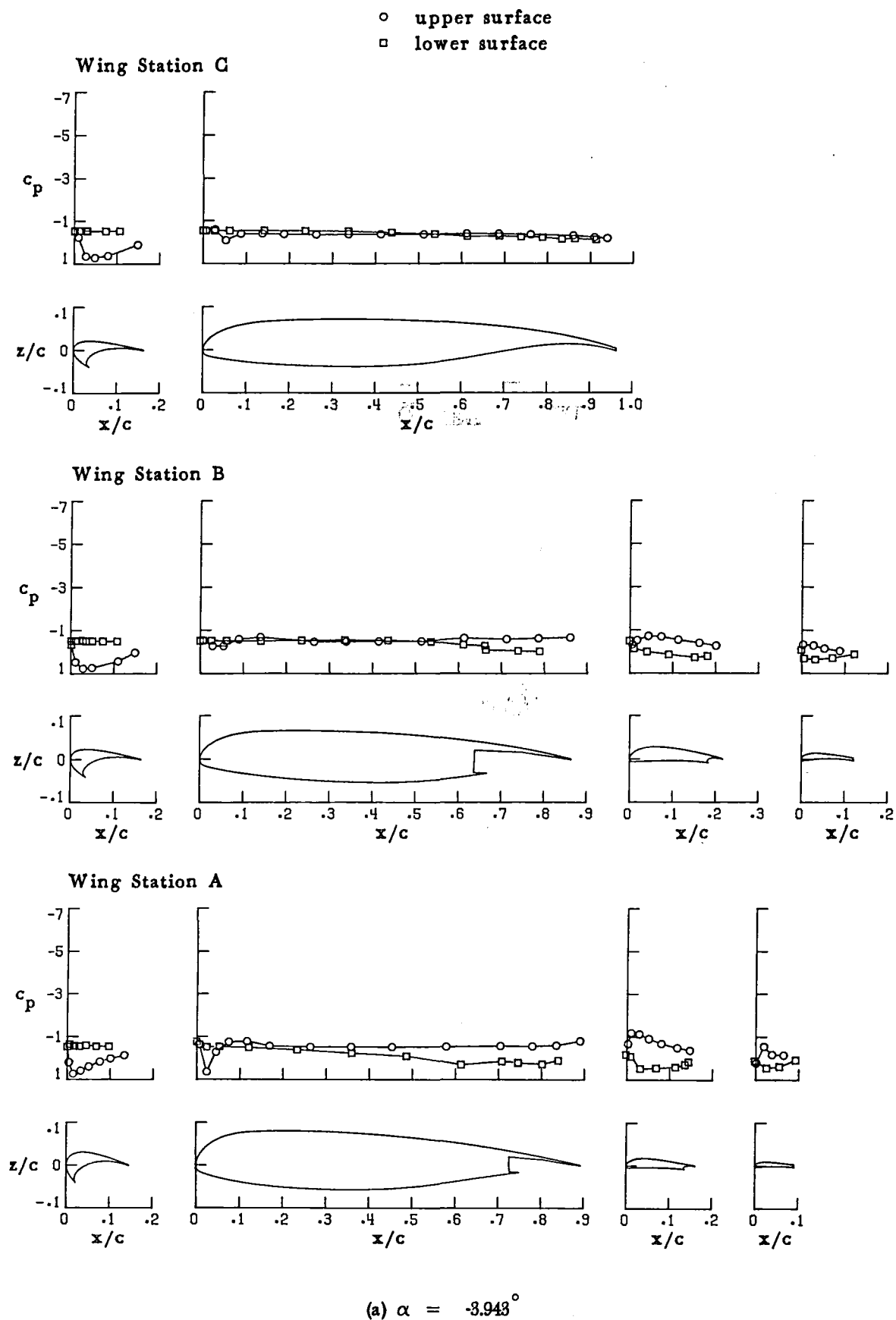
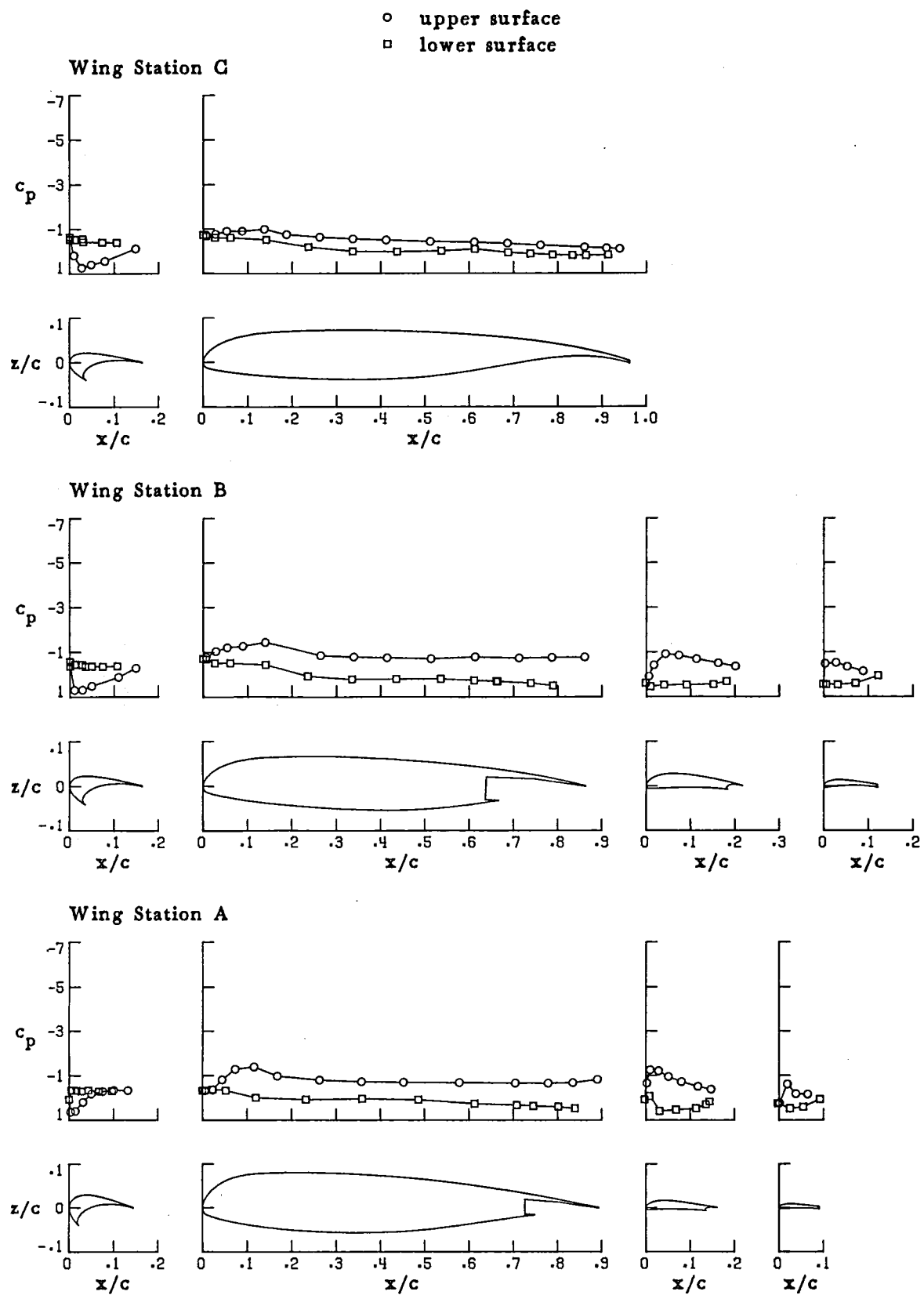


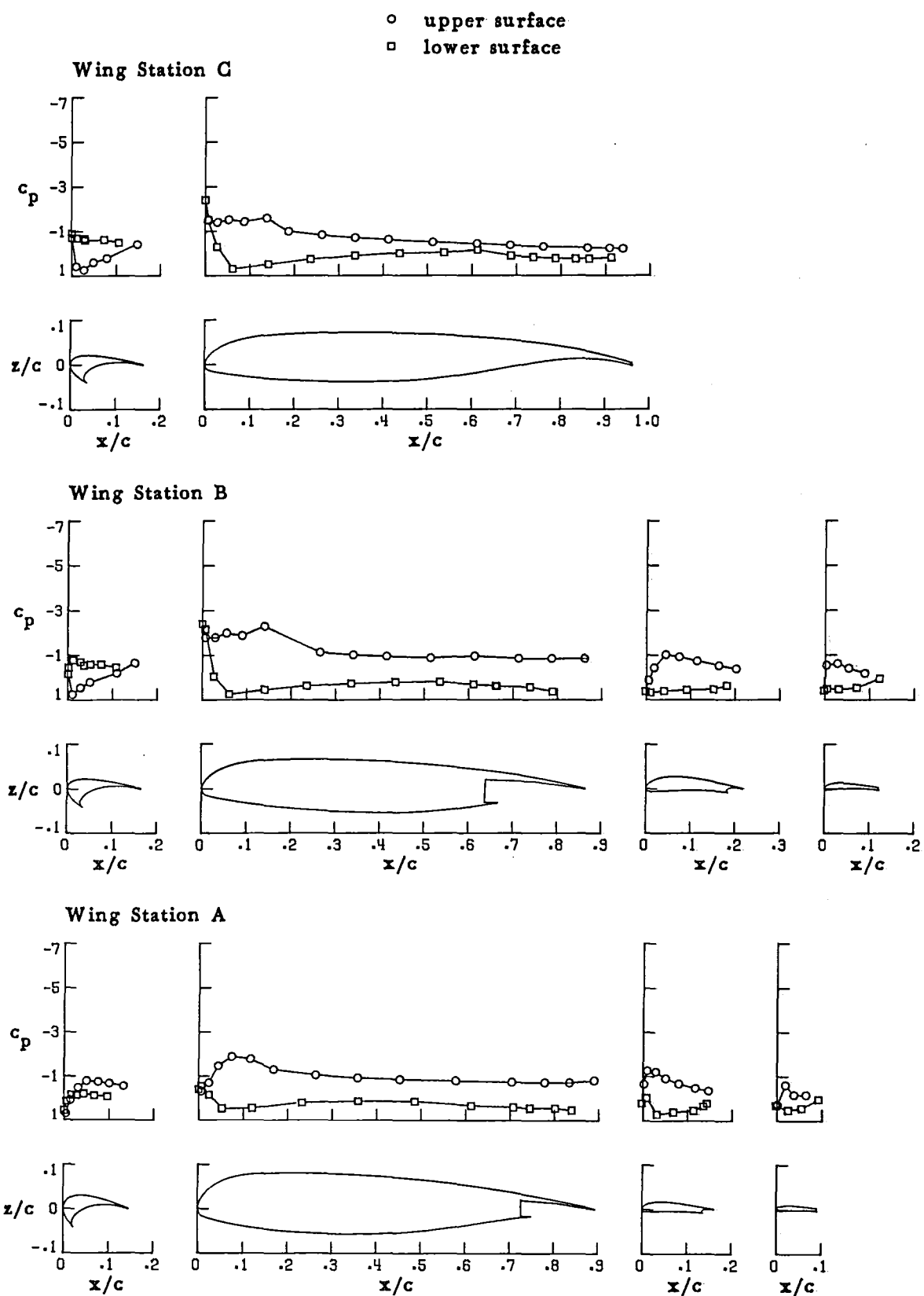
Figure 17. - Pressure distributions for aspect-ratio-10,  $30^\circ$  take-off flap wing configuration with  $-30^\circ$  deflection of inboard slat. (Run 58)



(b)  $\alpha = .245^\circ$

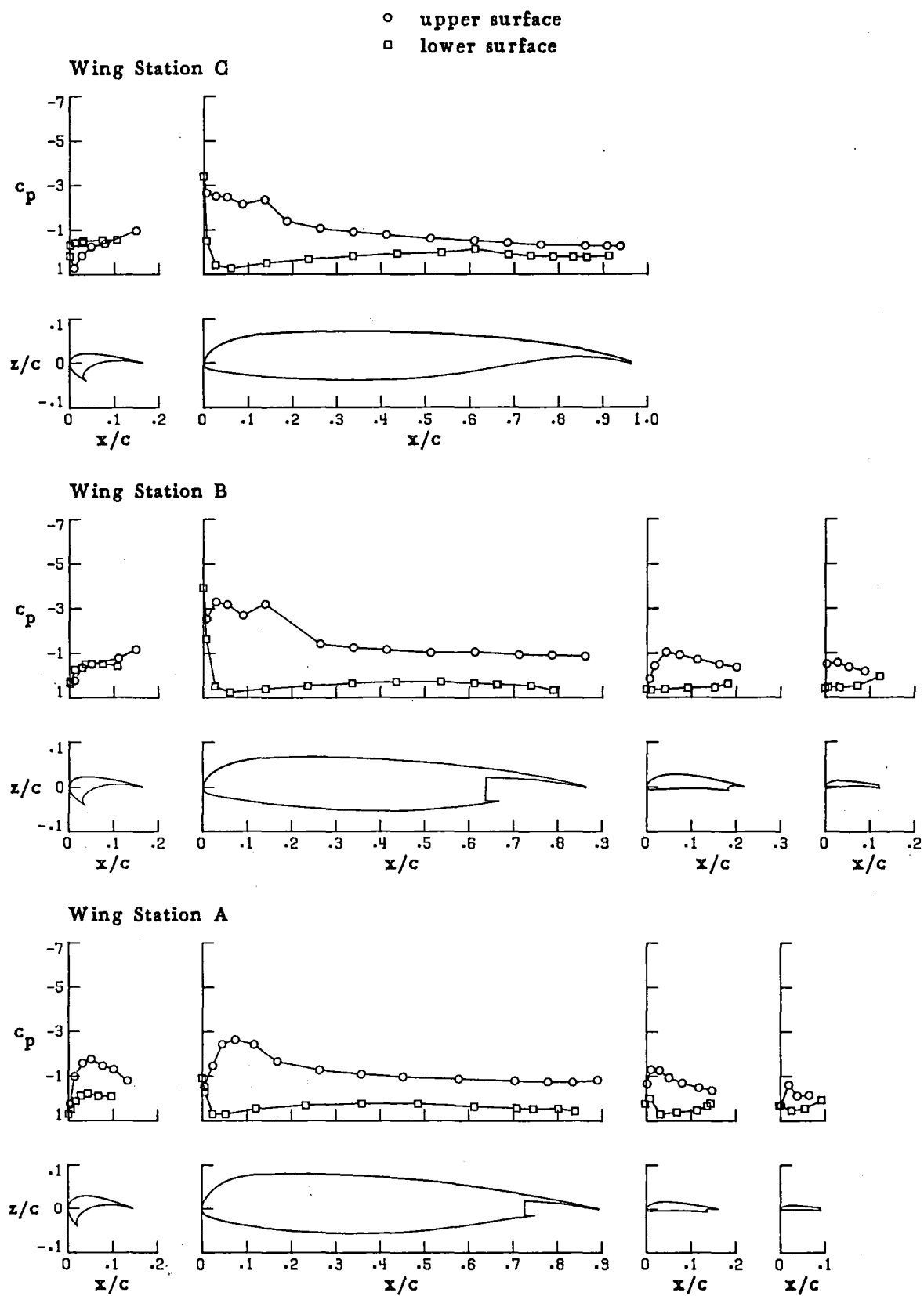
Figure 17.-Continued.





(c)  $\alpha = 4.259^\circ$

Figure 17.-Continued.

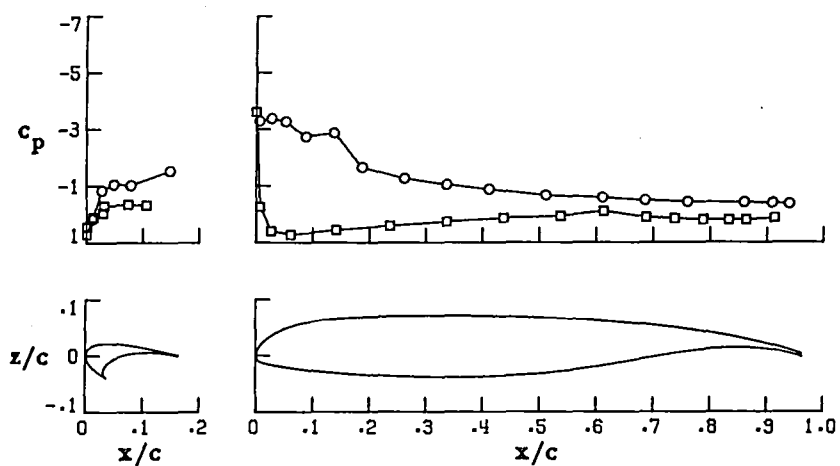


(d)  $\alpha = 8.297^\circ$

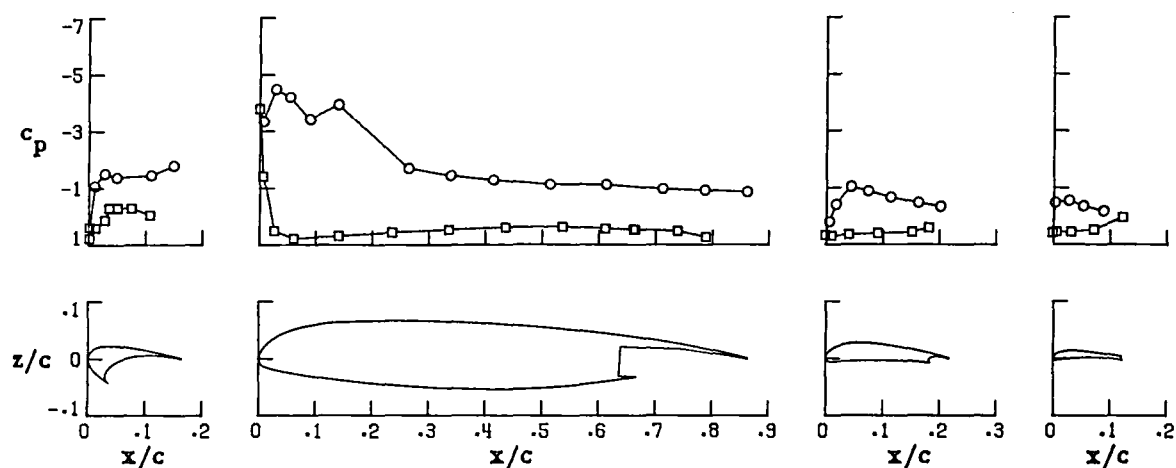
Figure 17.-Continued.

○ upper surface  
□ lower surface

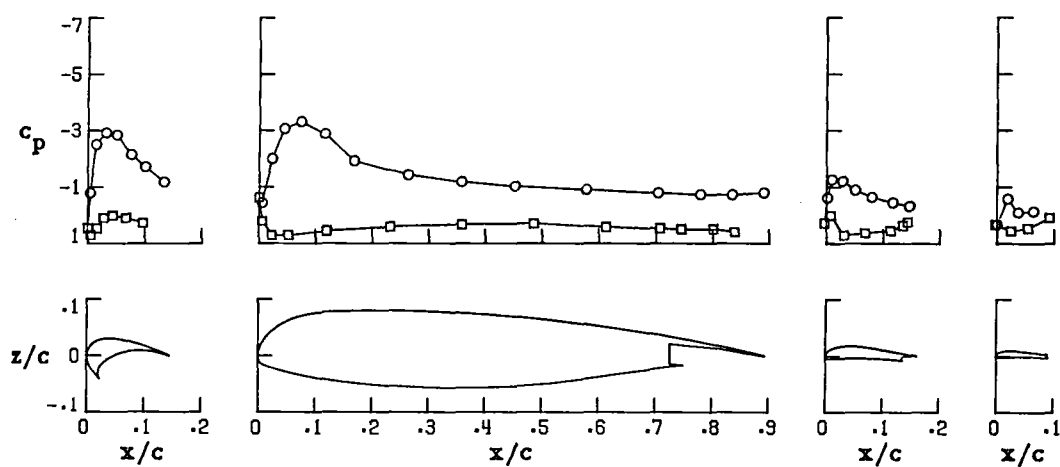
### Wing Station C



### Wing Station B

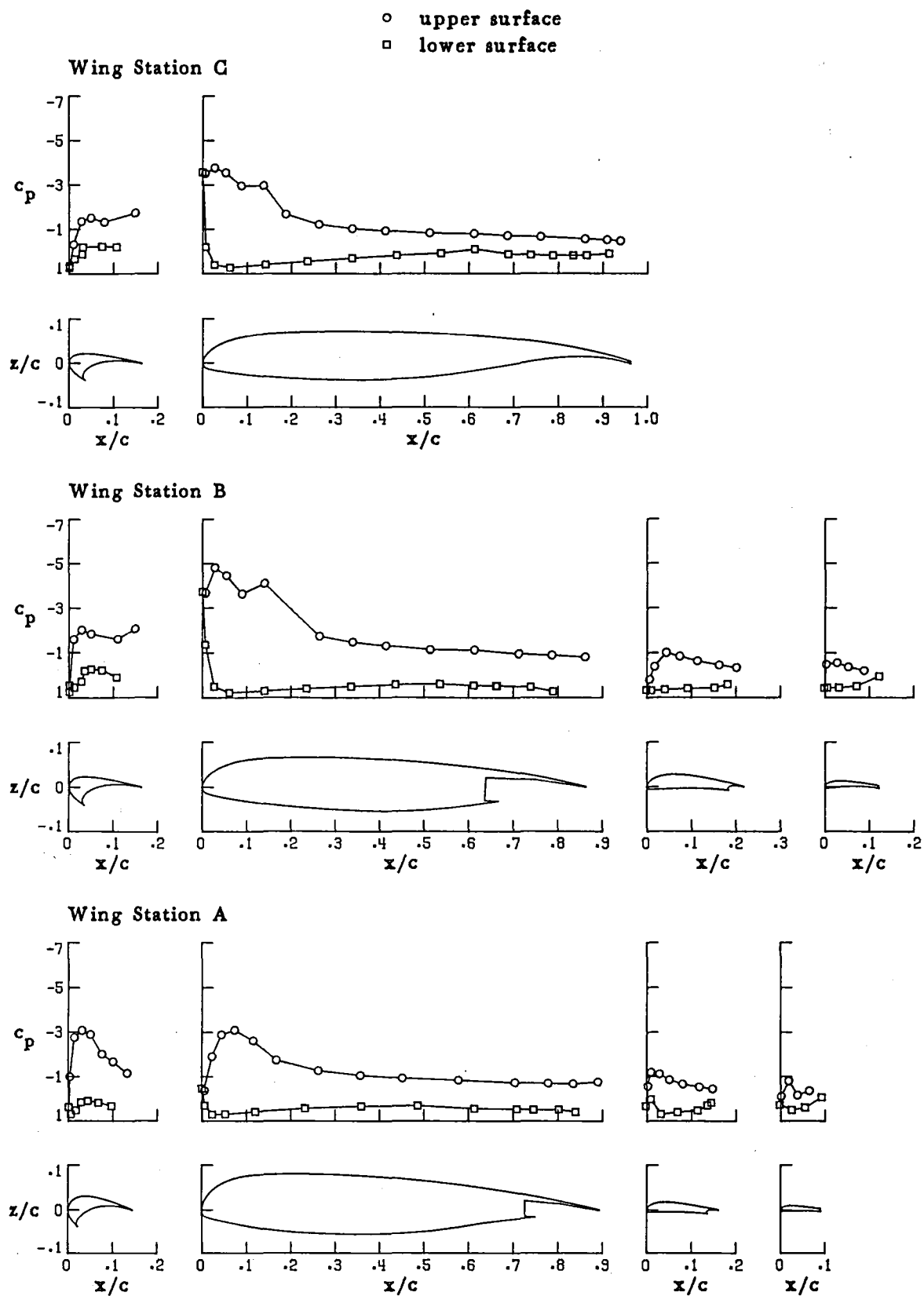


### Wing Station A



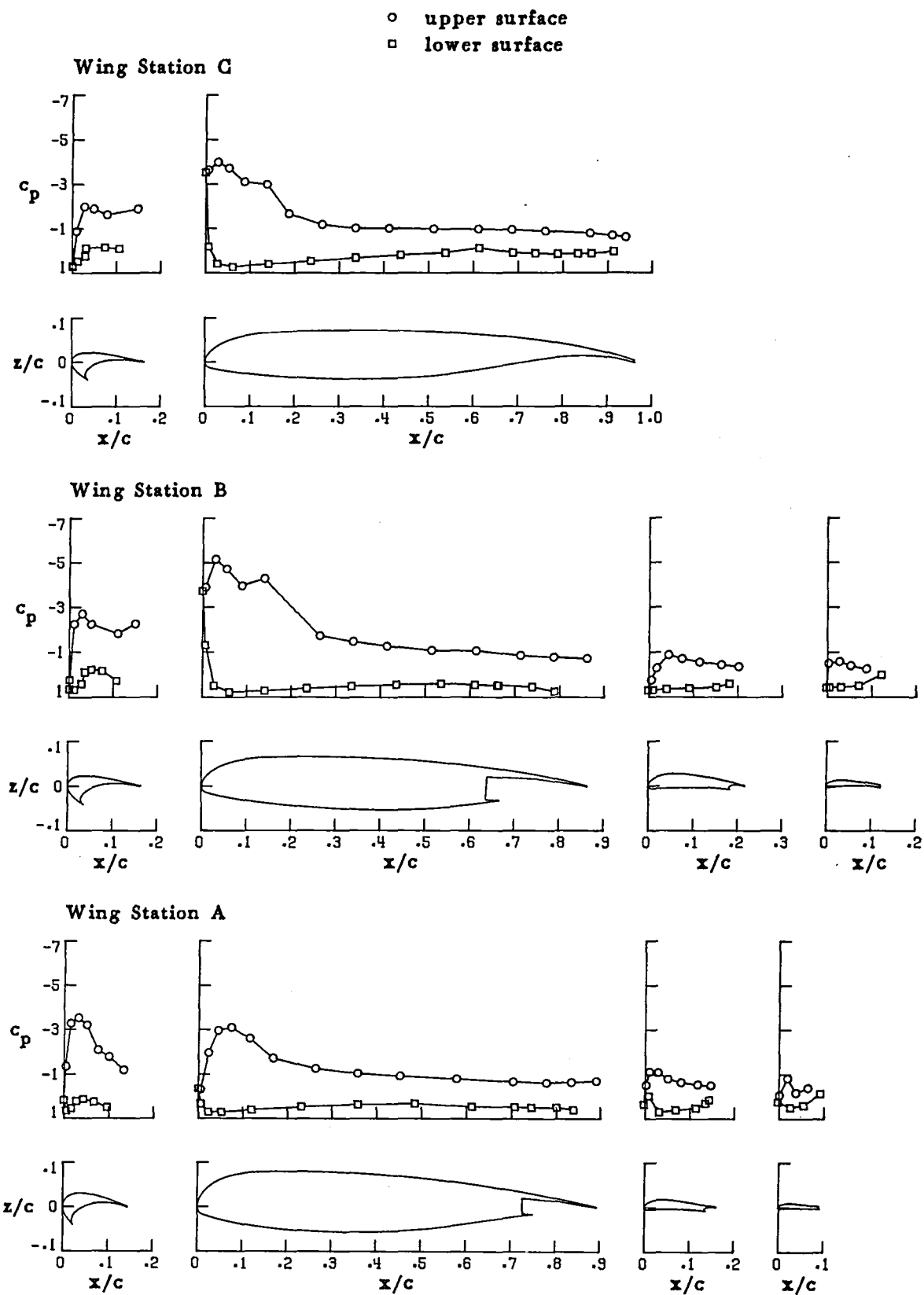
(e)  $\alpha = 12.390^\circ$

Figure 17.-Continued.



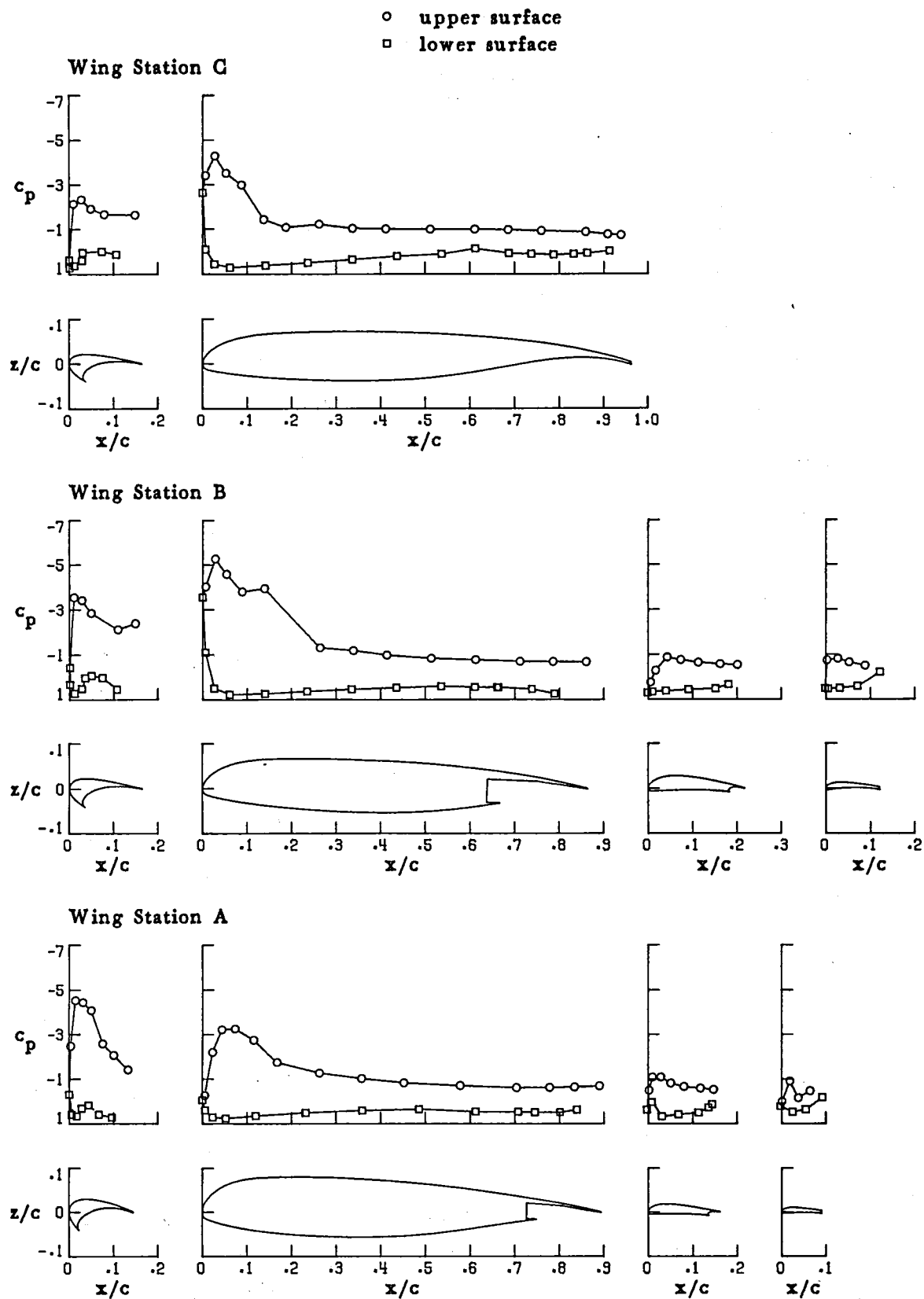
(f)  $\alpha = 14.417^\circ$

Figure 17-Continued.



(g)  $\alpha = 16.390^\circ$

Figure 17.-Continued.

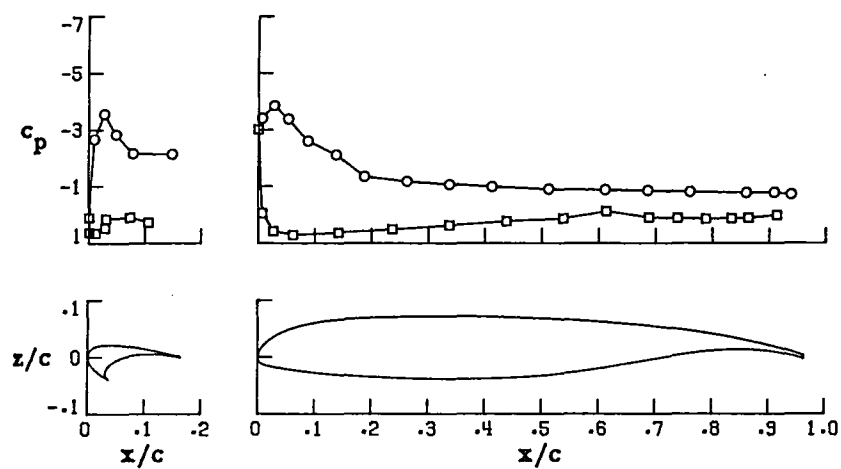


(h)  $\alpha = 20.526^\circ$

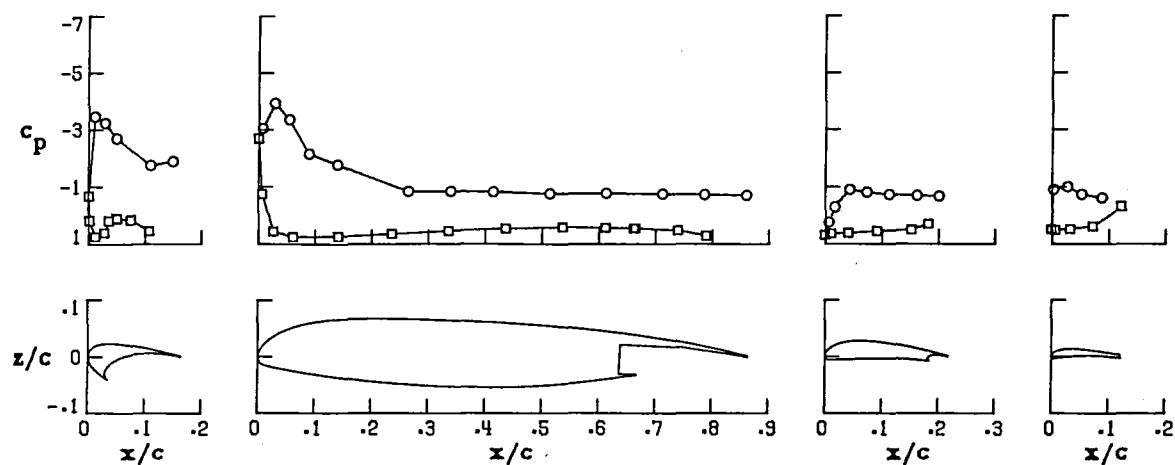
Figure 17.-Continued.

○ upper surface  
□ lower surface

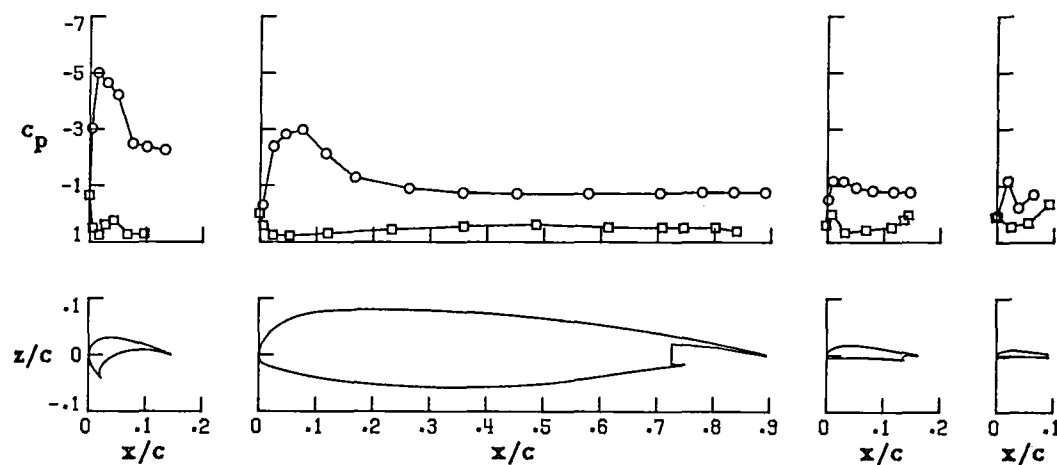
### Wing Station C



### Wing Station B

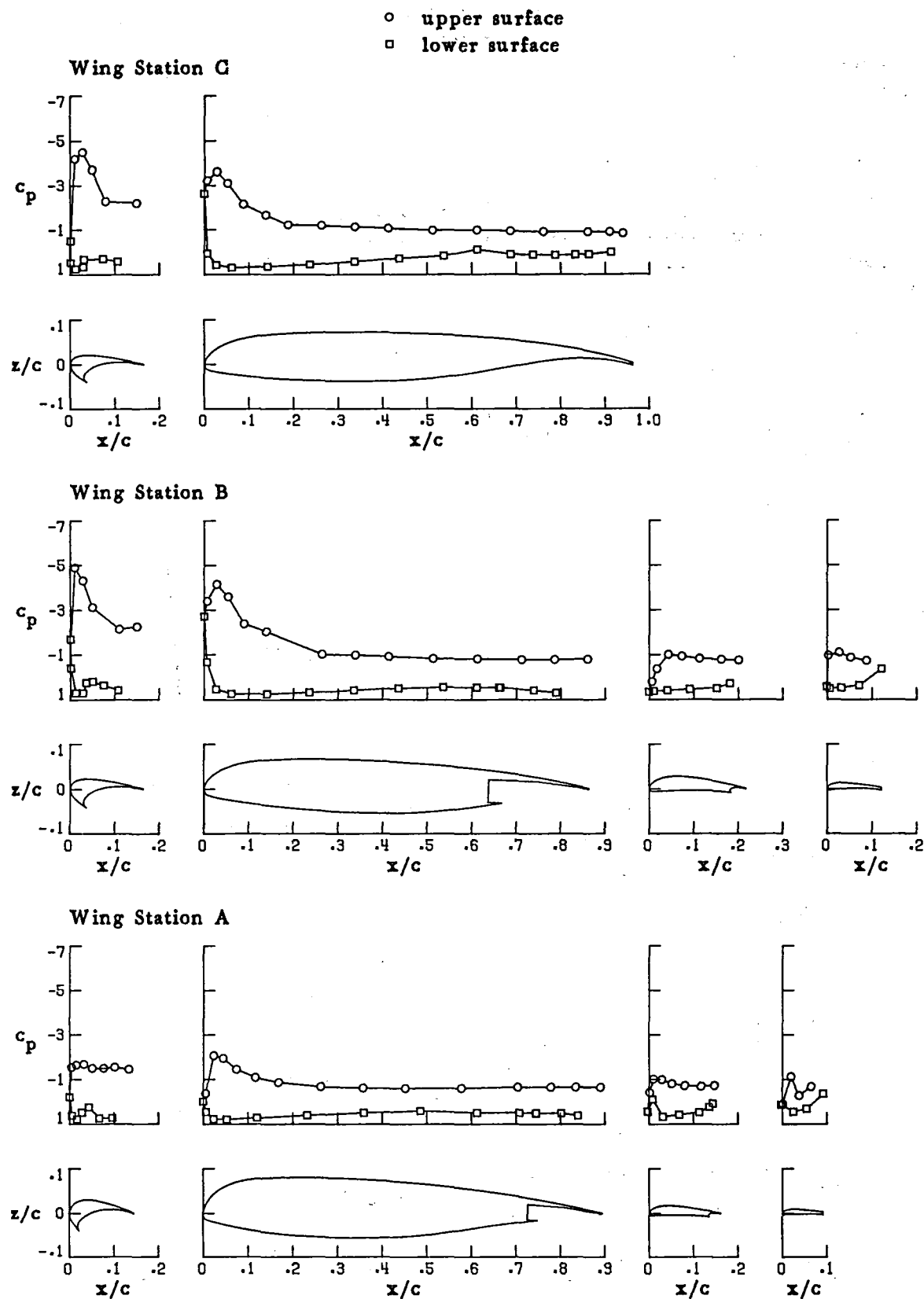


### Wing Station A



(i)  $\alpha = 24.513^\circ$

Figure 17.-Continued.



(j)  $\alpha = 28.610^\circ$

Figure 17.-Concluded.



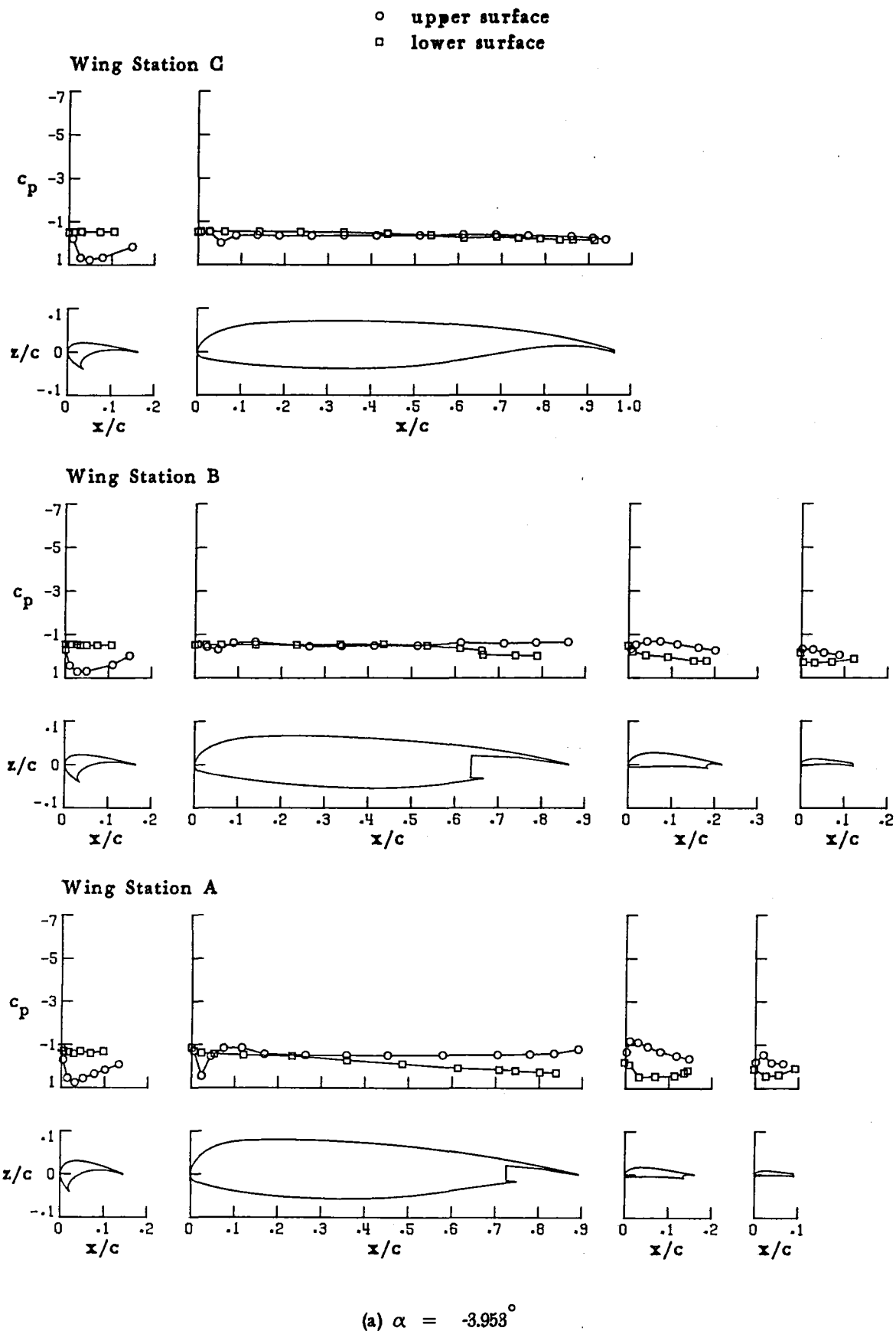
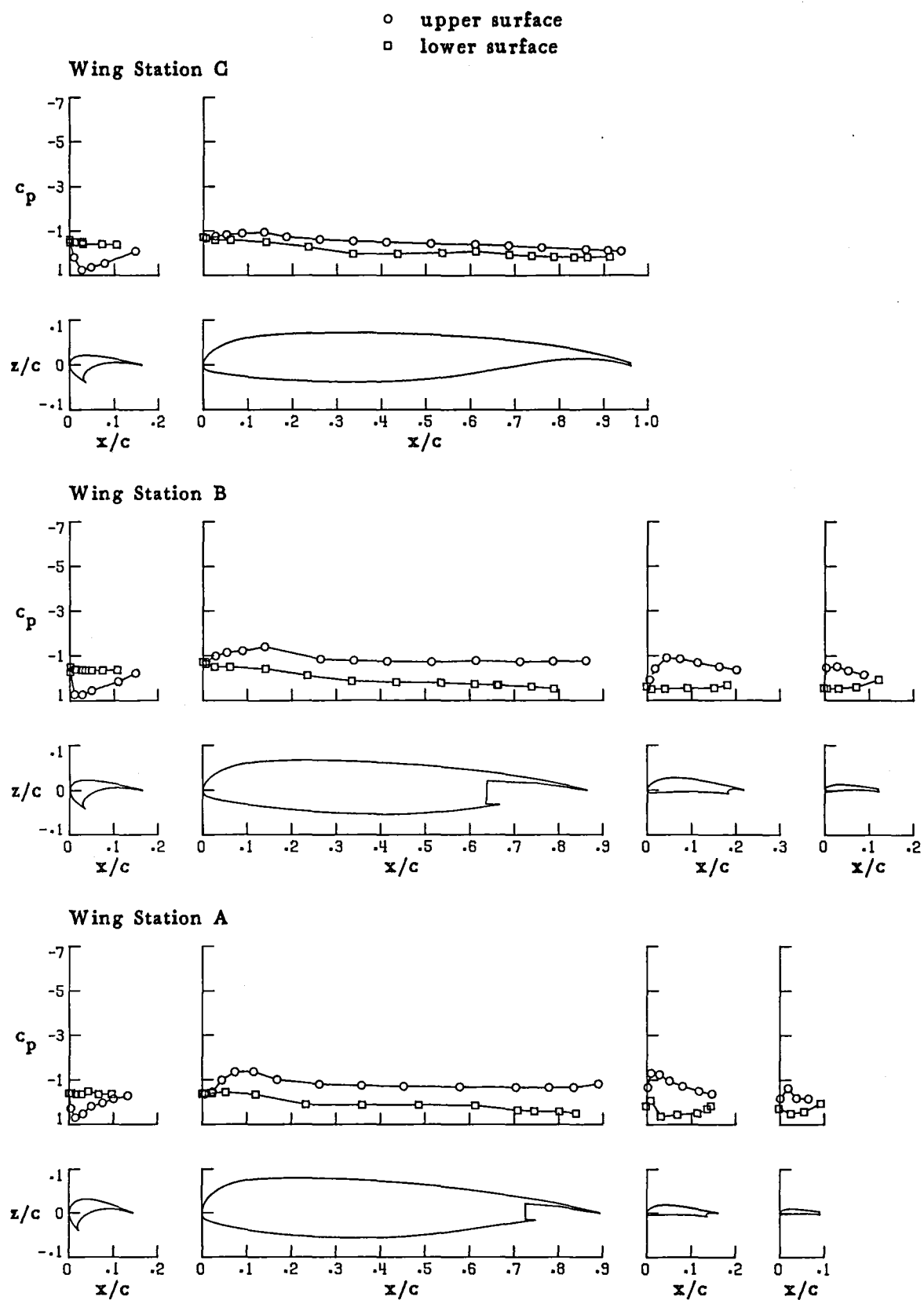


Figure 18. - Pressure distributions for aspect-ratio-10,  $30^\circ$  take-off flap wing configuration with  $-40^\circ$  deflection of inboard slat. (Run 57)

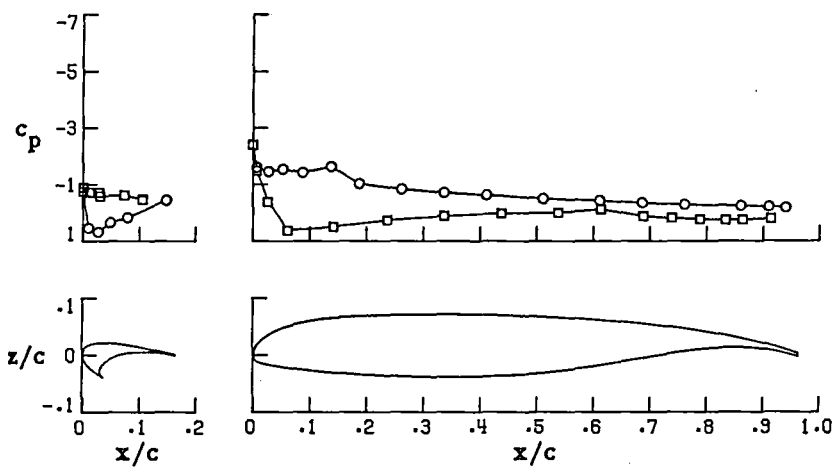


(b)  $\alpha = .076^\circ$

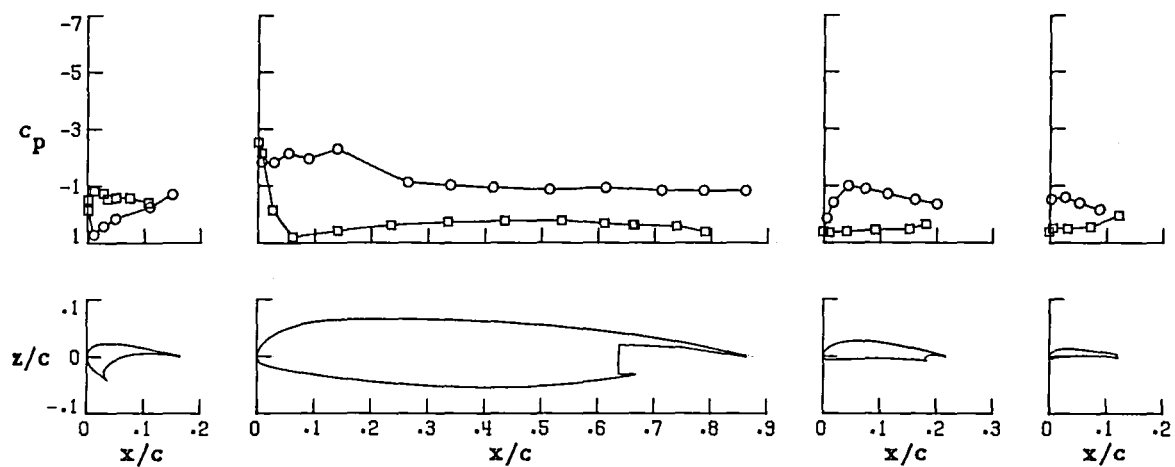
Figure 18.-Continued.

○ upper surface  
□ lower surface

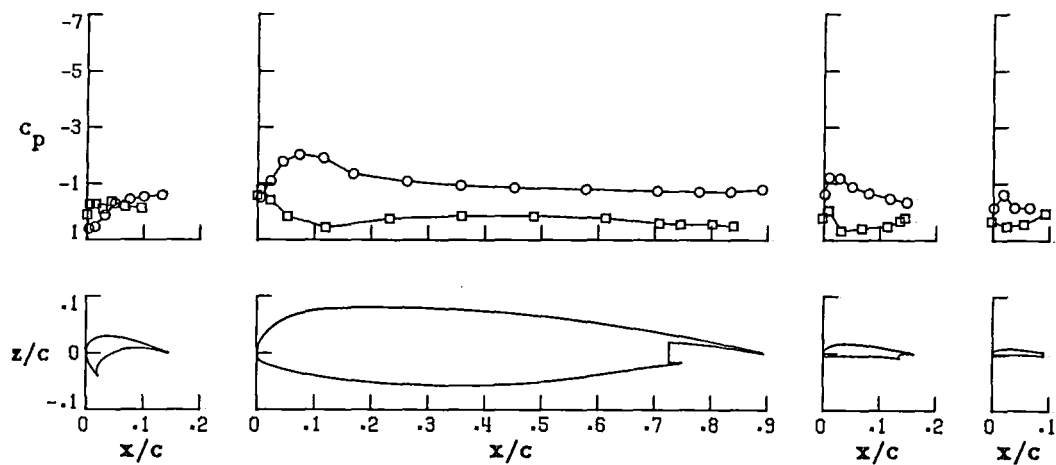
### Wing Station C



### Wing Station B

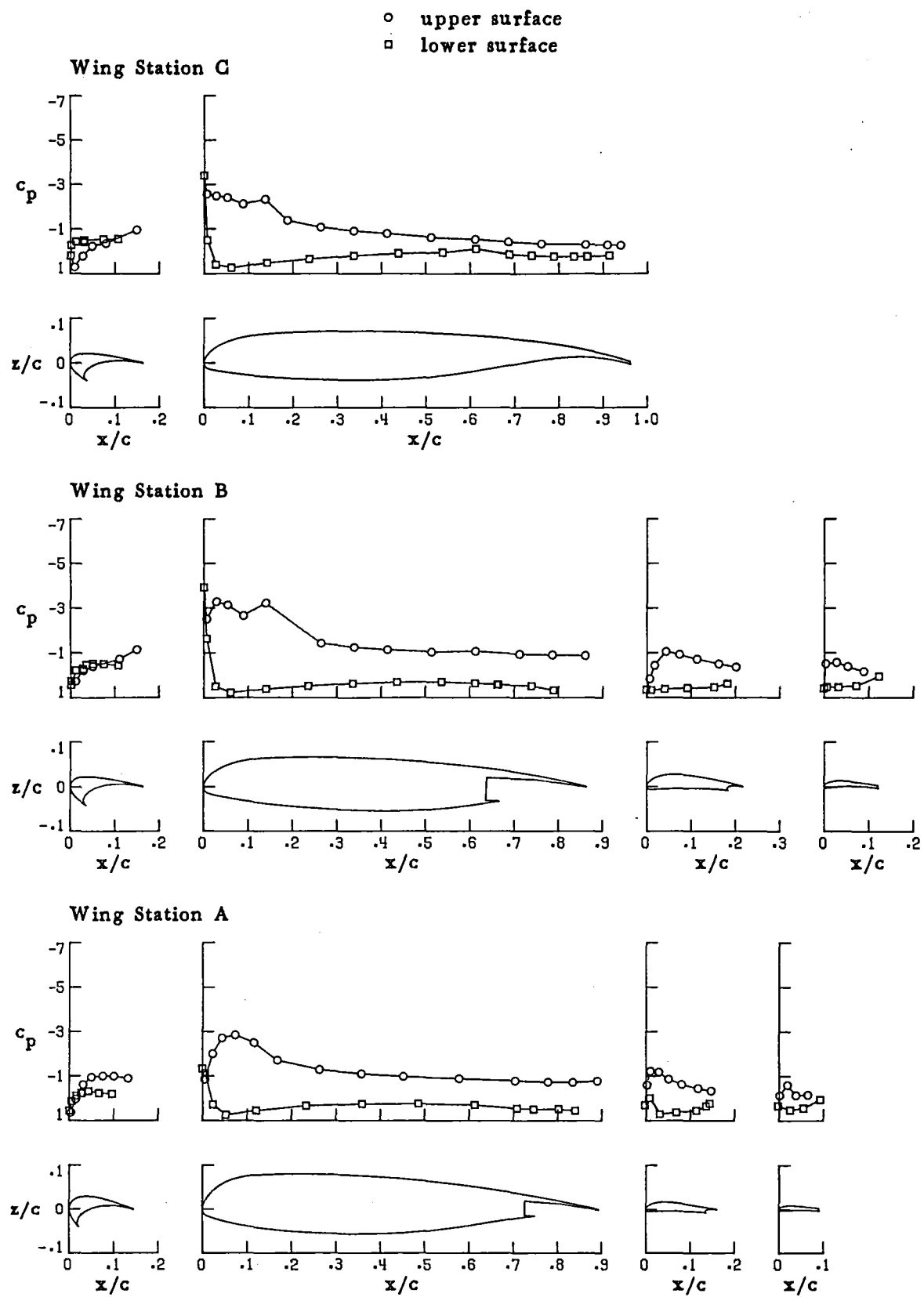


### Wing Station A



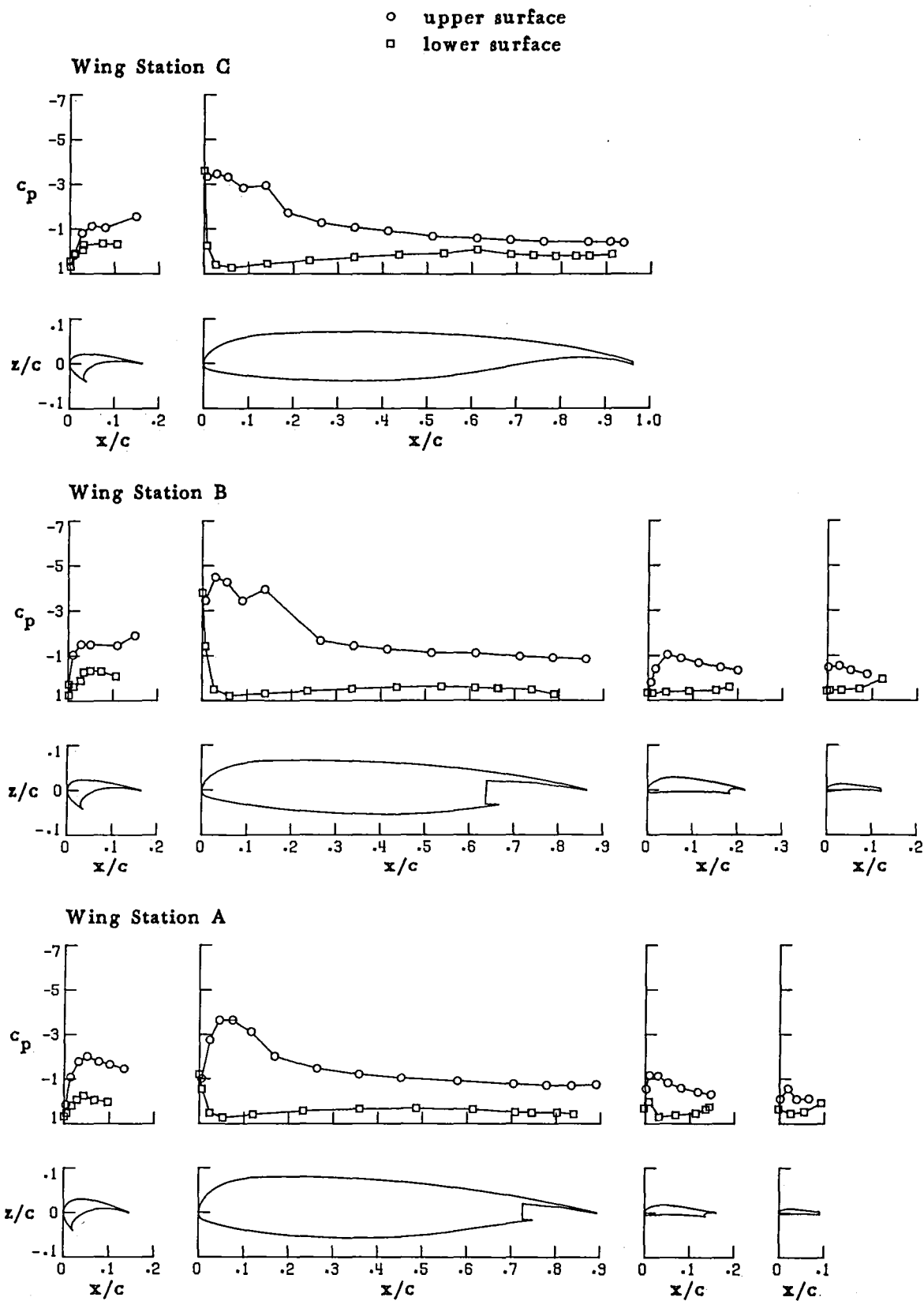
(c)  $\alpha = 4.249^\circ$

Figure 18.-Continued.



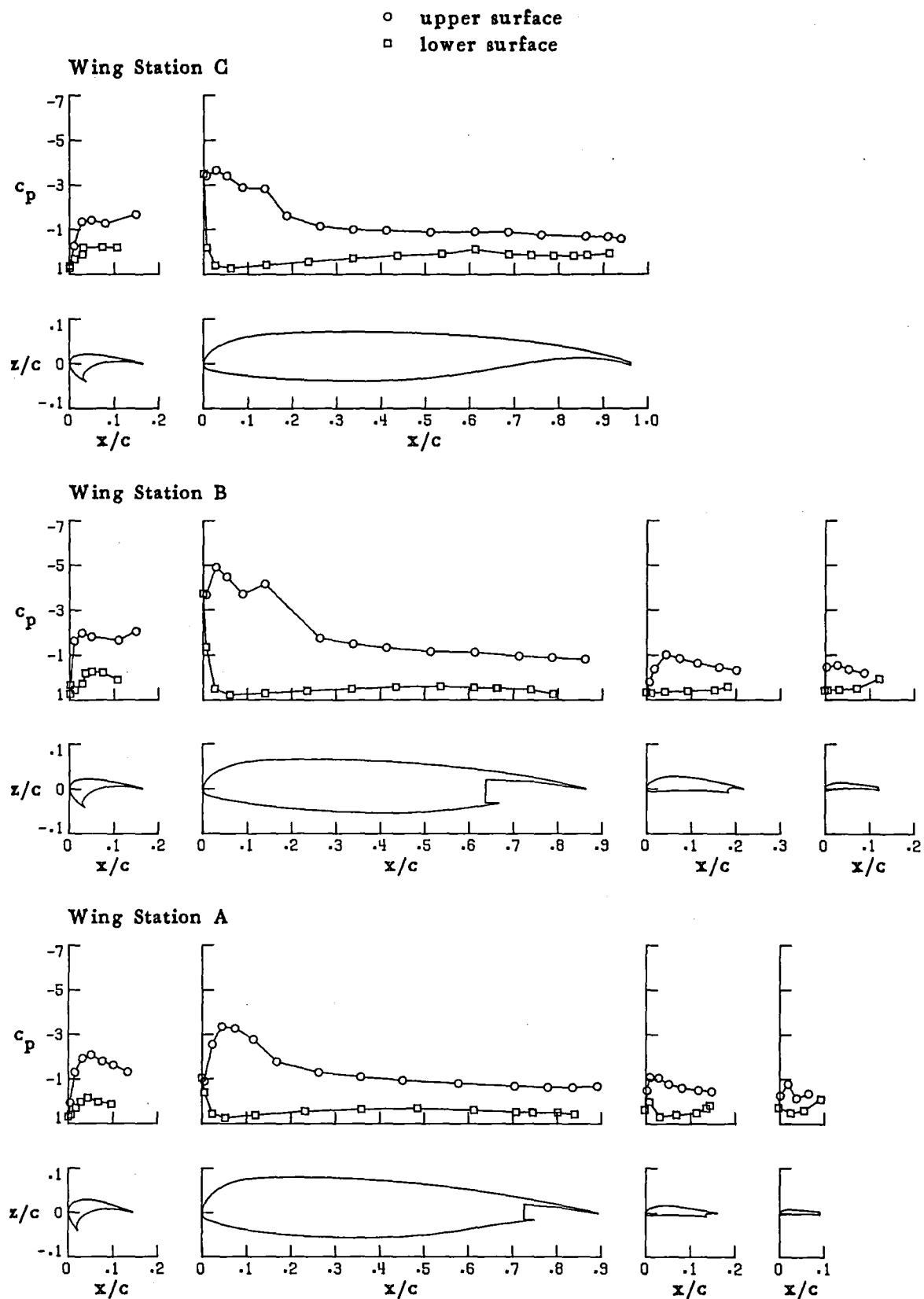
(d)  $\alpha = 8.288^\circ$

Figure 18-Continued.



(e)  $\alpha = 12.416^\circ$

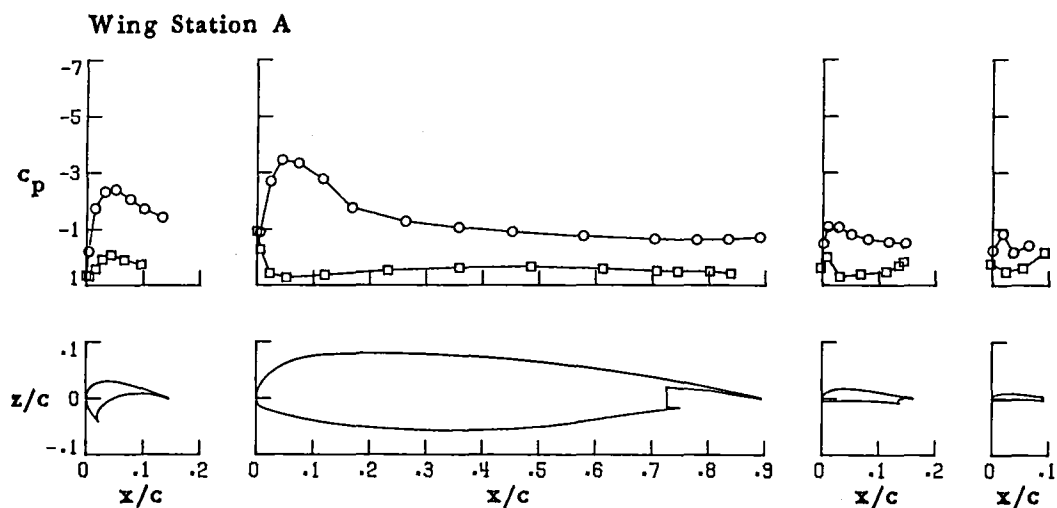
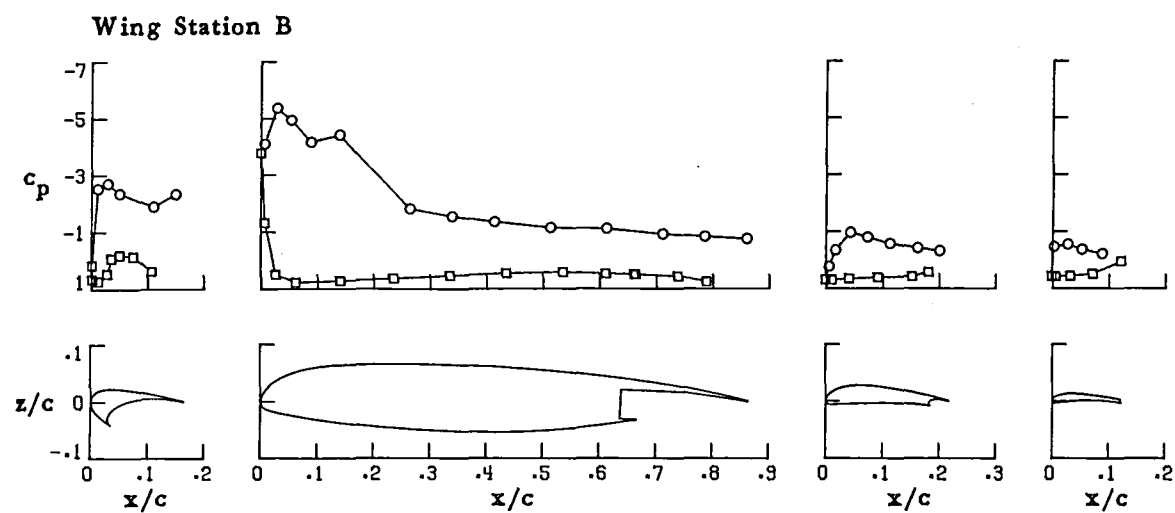
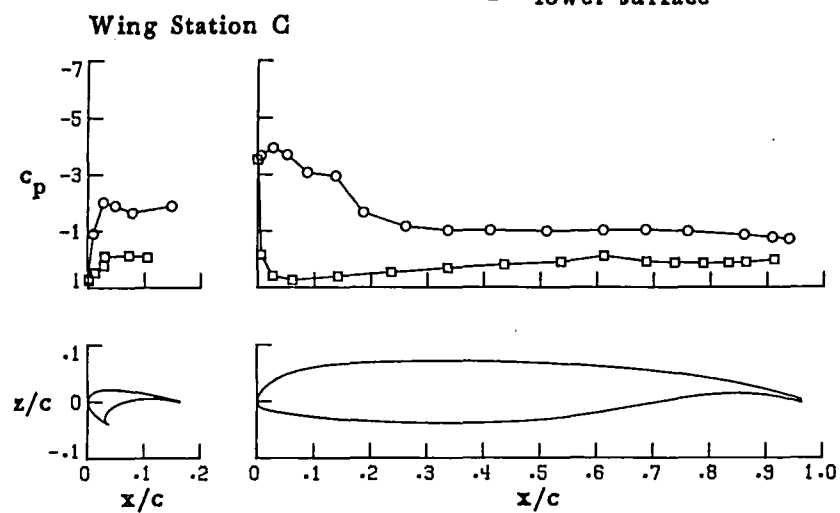
Figure 18.-Continued.



(f)  $\alpha = 14.335^\circ$

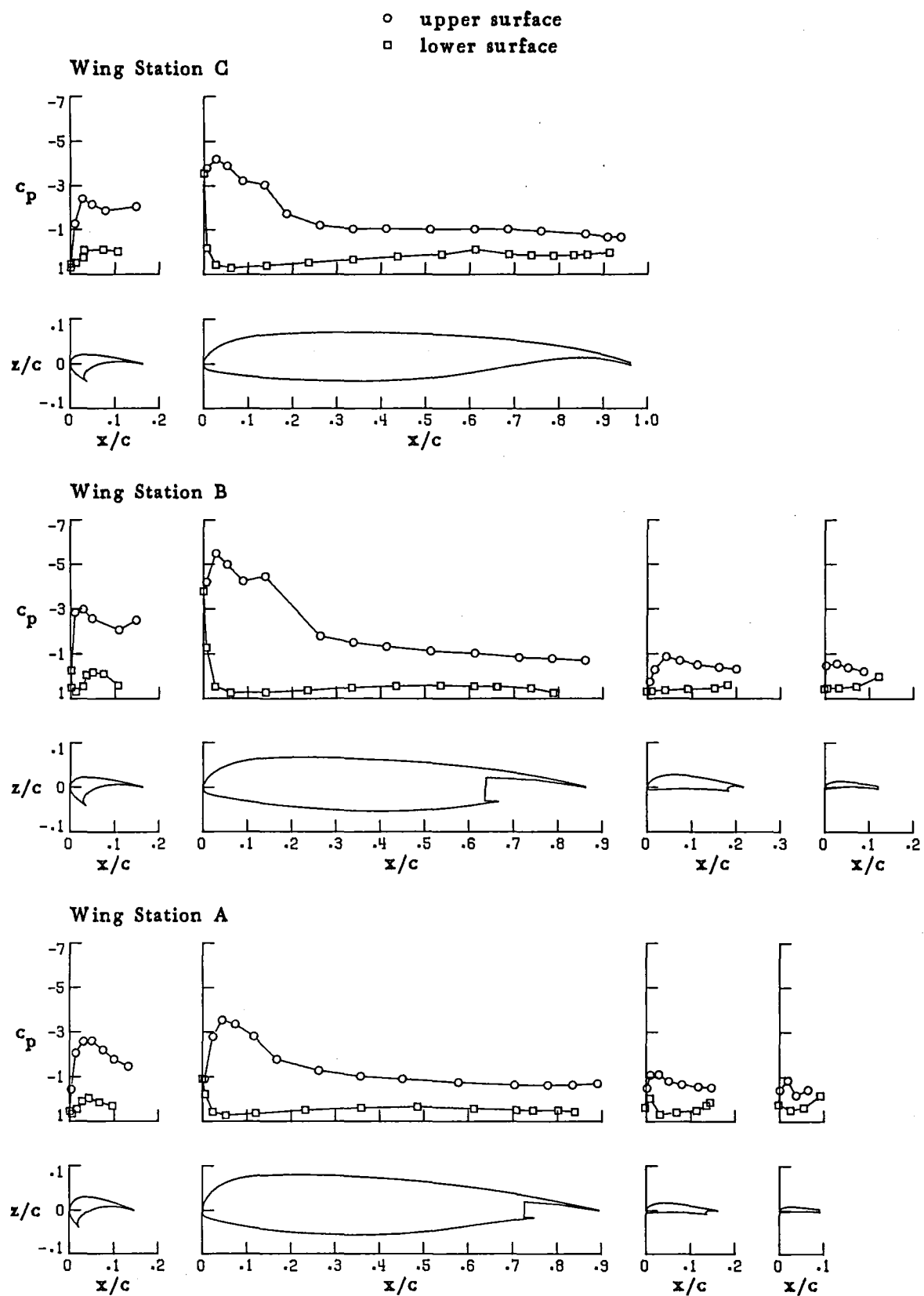
Figure 18.-Continued.

○ upper surface  
□ lower surface



(g)  $\alpha = 16.353^\circ$

Figure 18.-Continued.



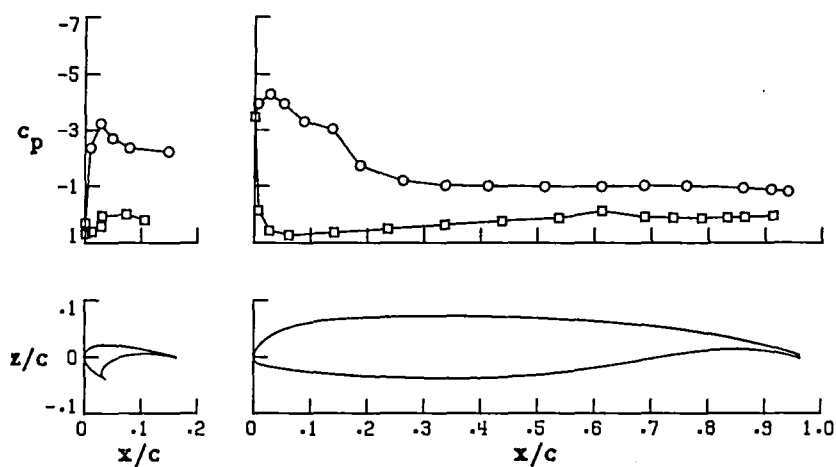
(h)  $\alpha = 17.378^\circ$

Figure 18.-Continued.

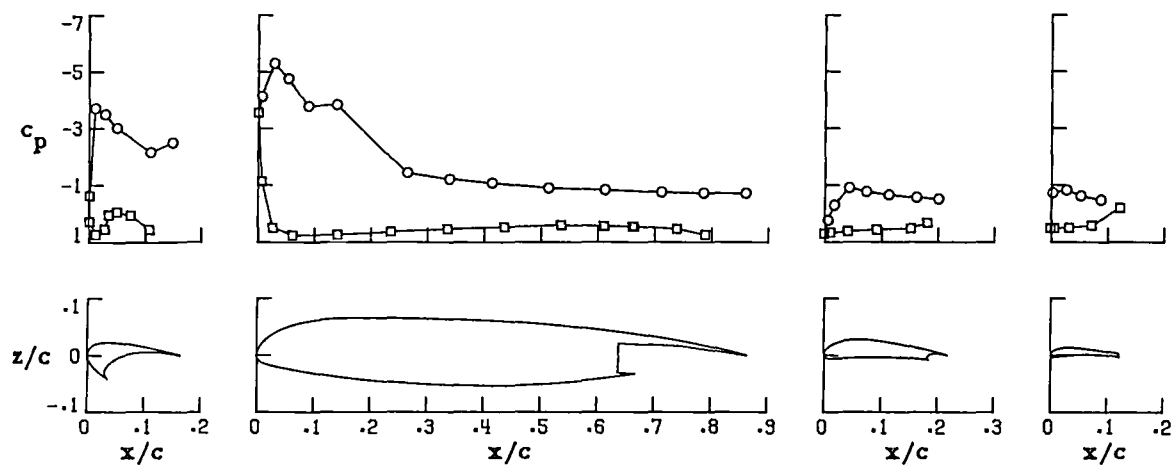


○ upper surface  
□ lower surface

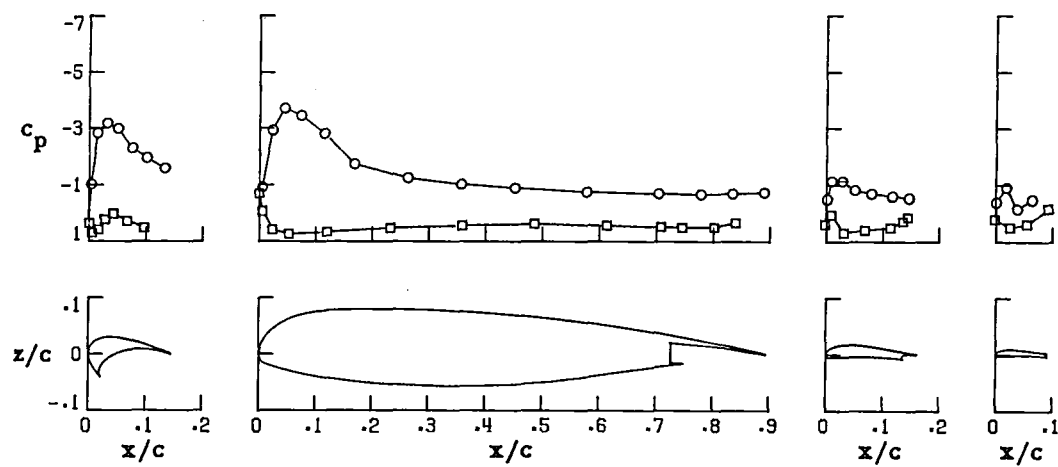
### Wing Station C



### Wing Station B

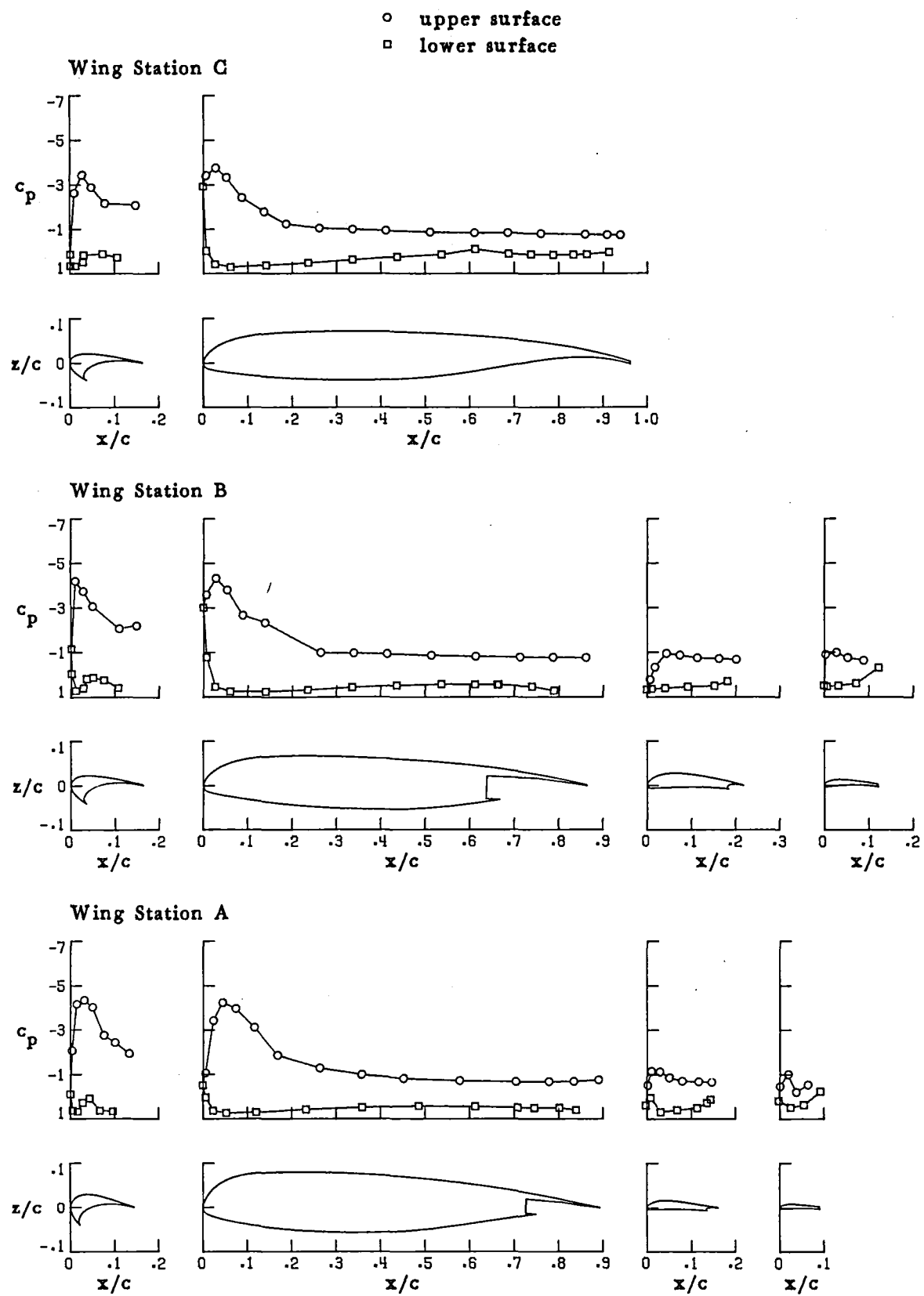


### Wing Station A



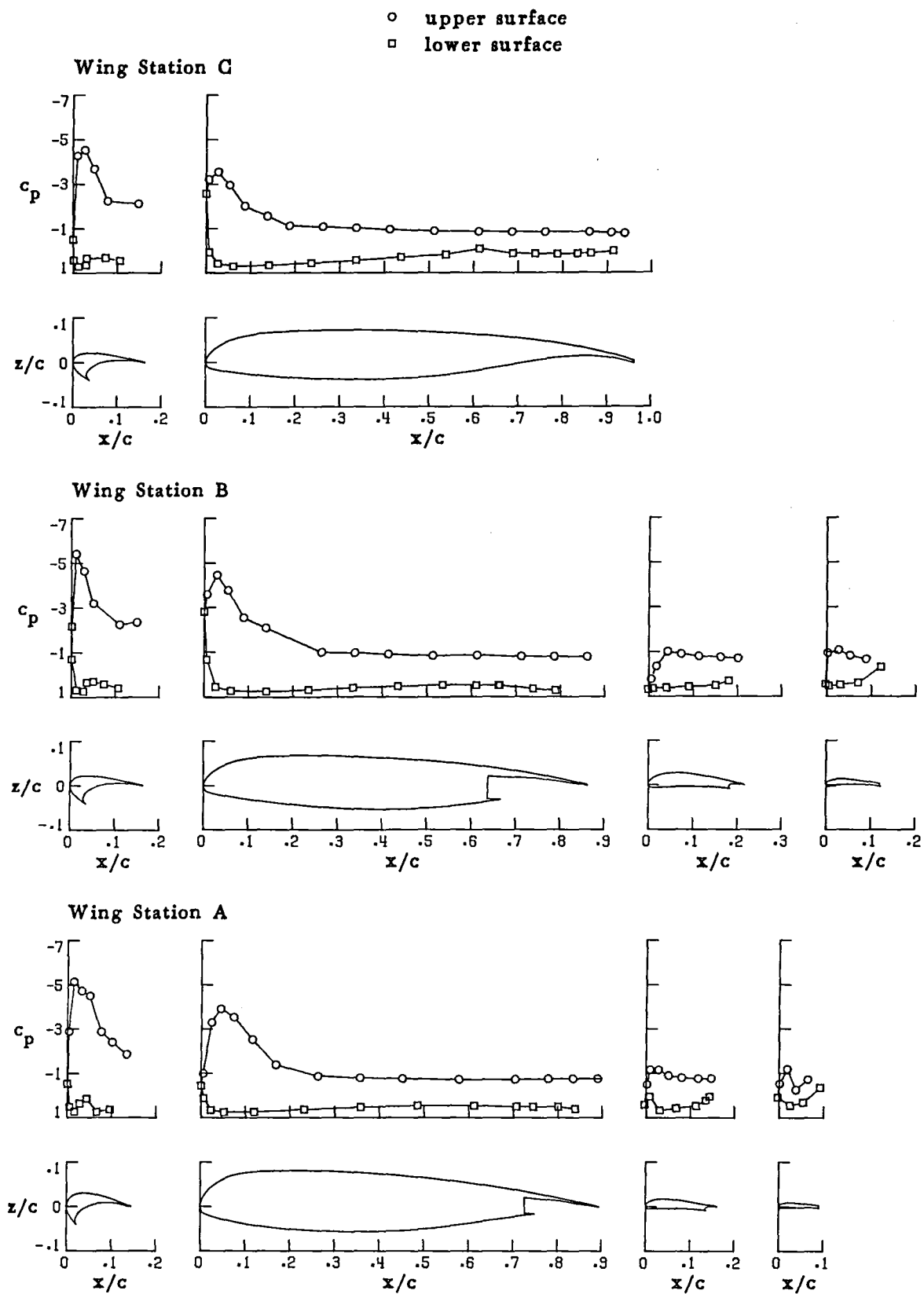
(i)  $\alpha = 20.404^\circ$

Figure 18.-Continued.



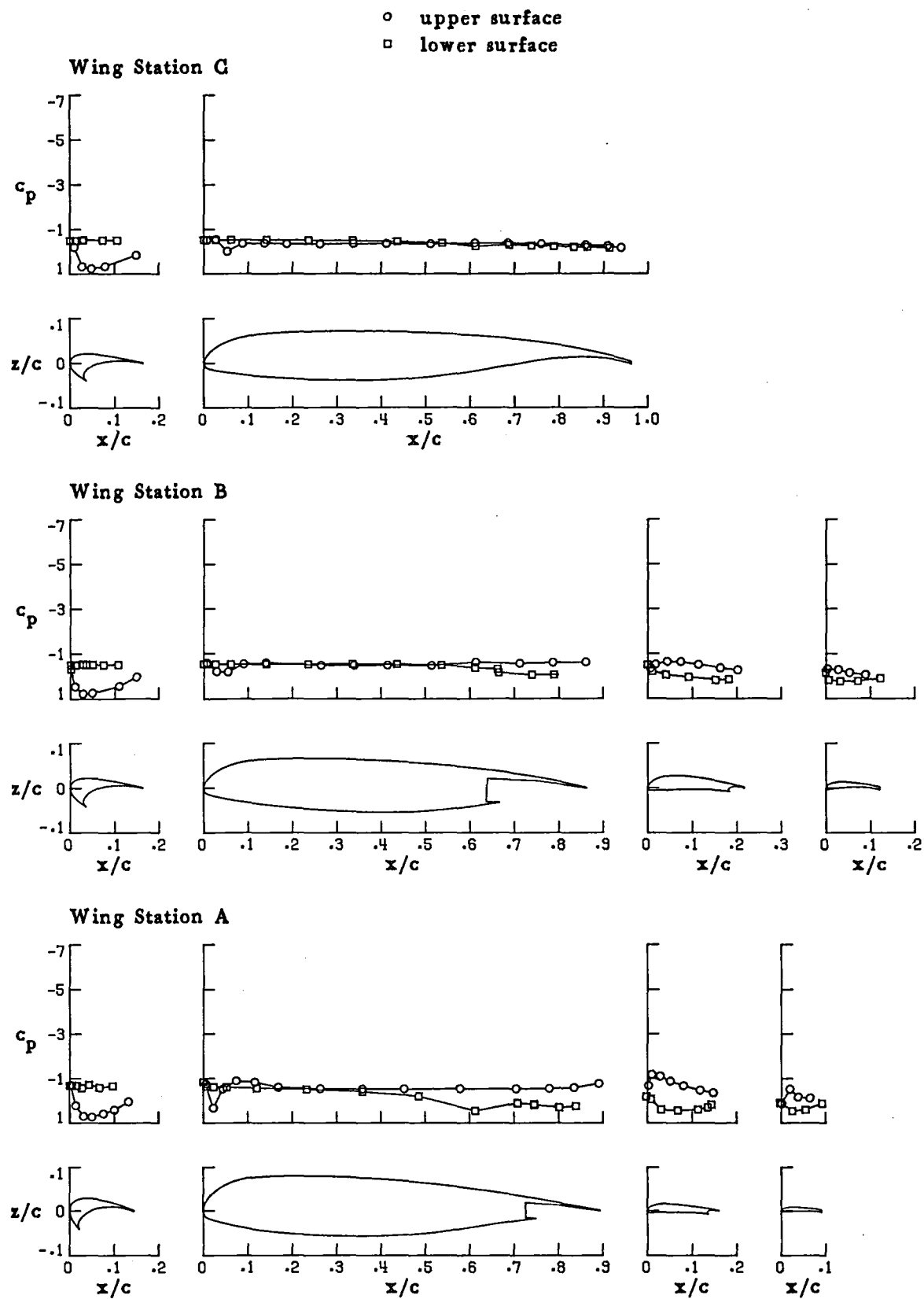
(j)  $\alpha = 24.425^\circ$

Figure 18.-Continued.



(k)  $\alpha = 28.475^\circ$

Figure 18.-Concluded.

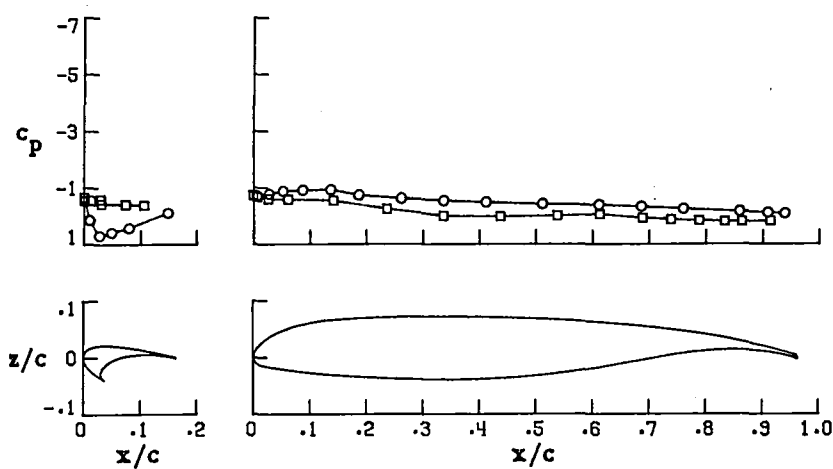


(a)  $\alpha = -3.966^\circ$

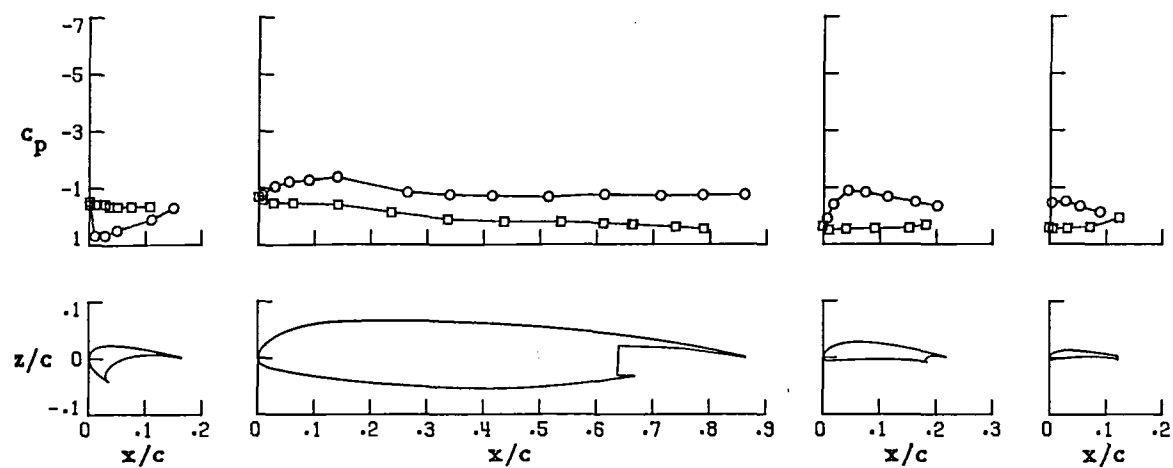
Figure 19. - Pressure distributions for aspect-ratio-10,  $30^\circ$  take-off flap wing configuration with  $-50^\circ$  deflection of inboard slat. (Run 48)

○ upper surface  
□ lower surface

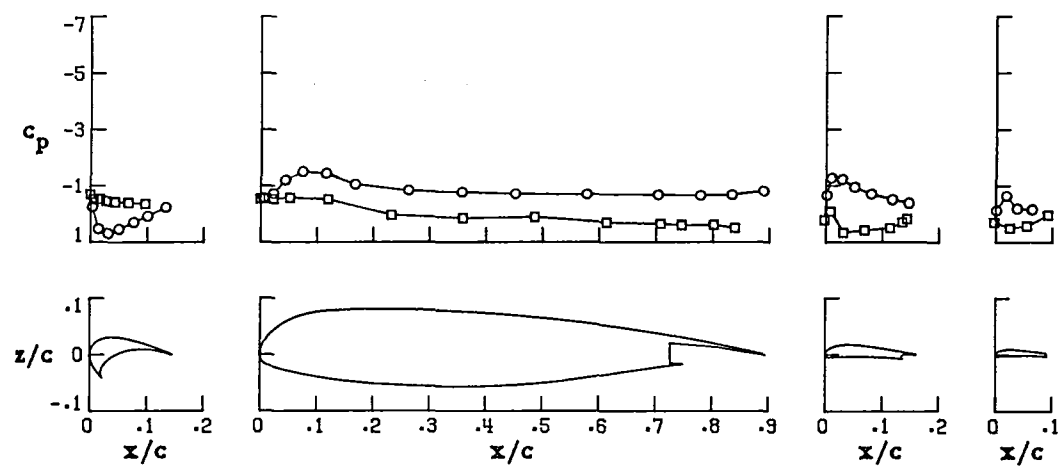
### Wing Station G



### Wing Station B

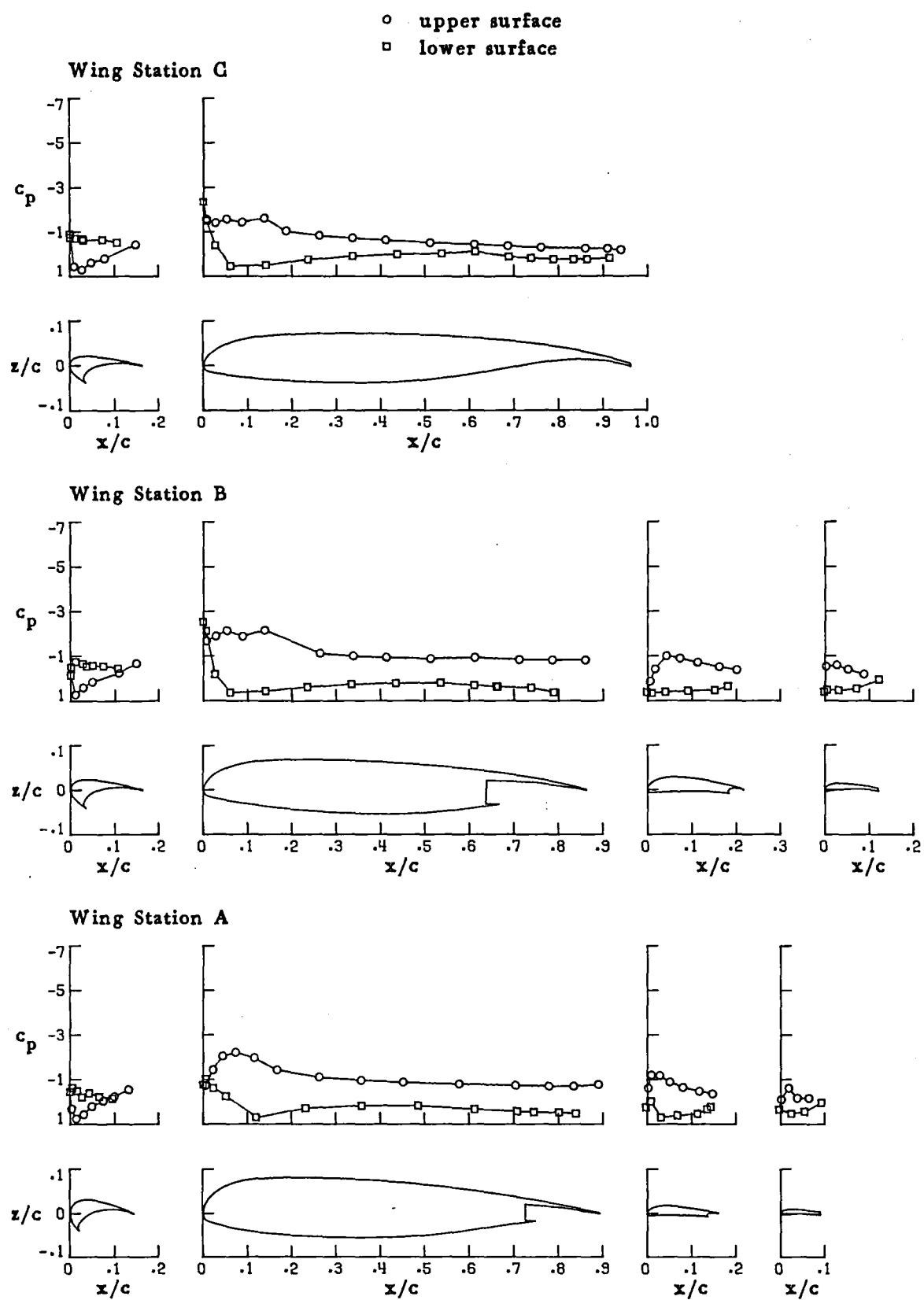


### Wing Station A



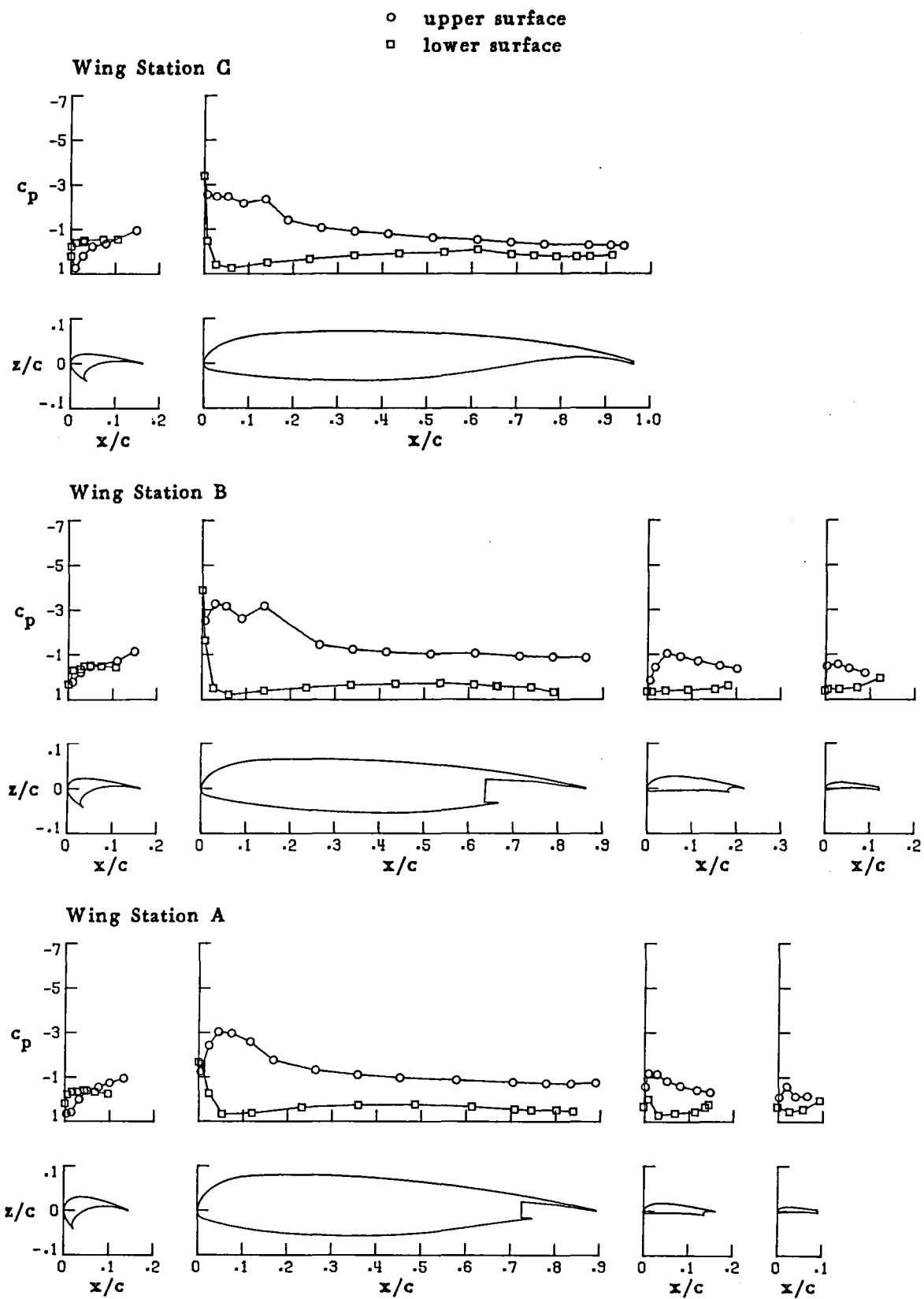
(b)  $\alpha = 214^\circ$

Figure 19.-Continued.



(c)  $\alpha = 4.284^\circ$

Figure 19.-Continued.

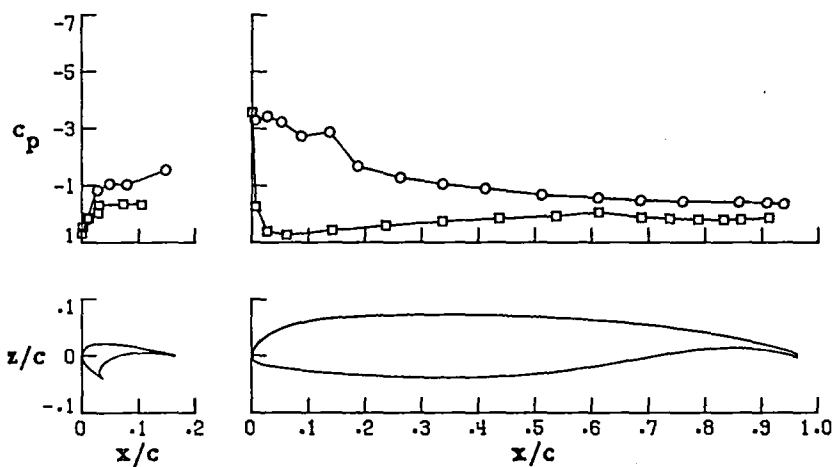


(d)  $\alpha = 8.348^\circ$

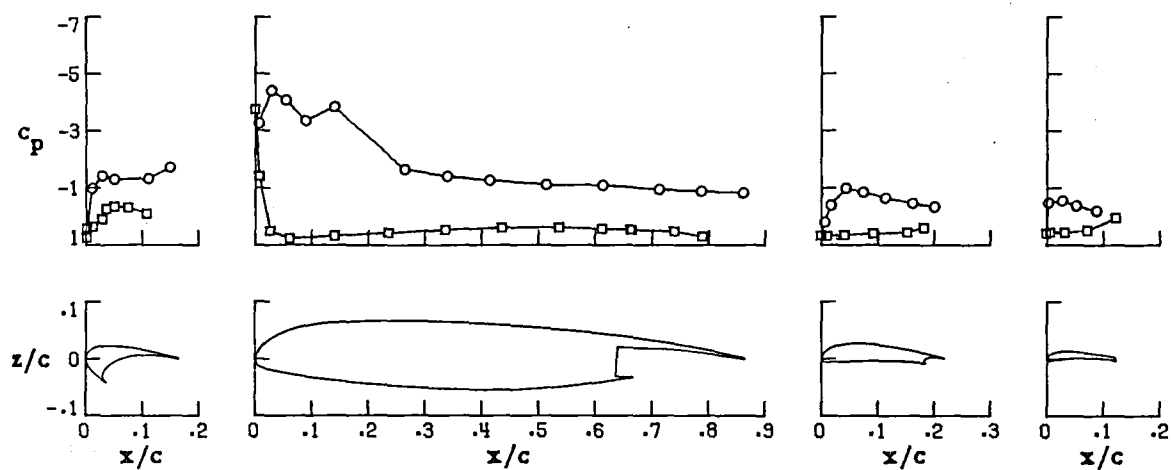
Figure 19.-Continued.

○ upper surface  
□ lower surface

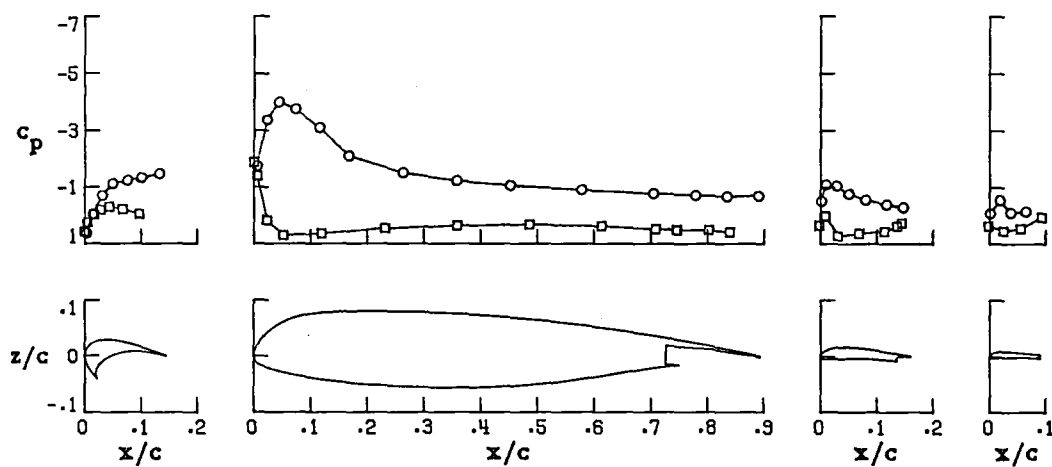
Wing Station C



Wing Station B

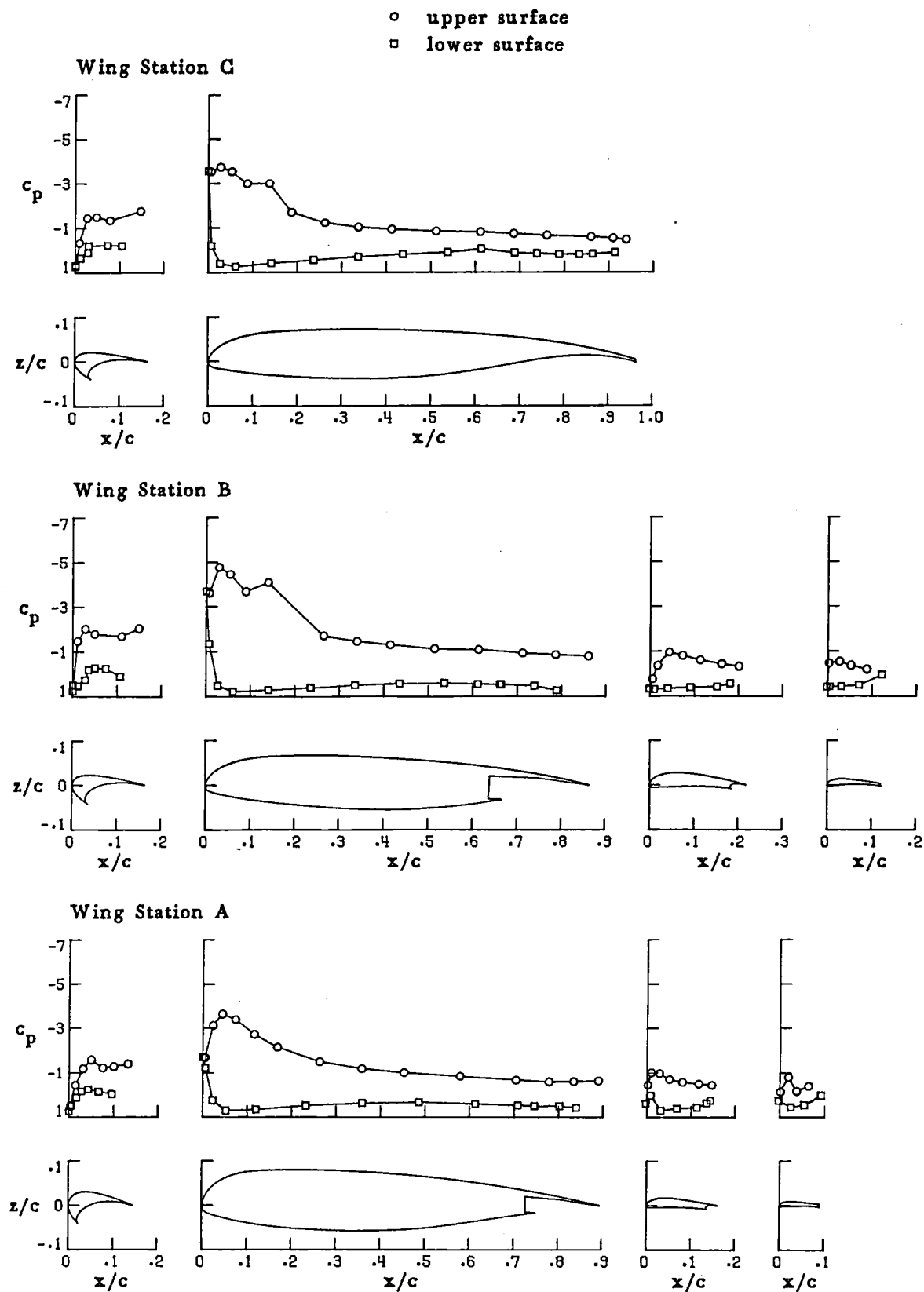


Wing Station A



(e)  $\alpha = 12.332^\circ$



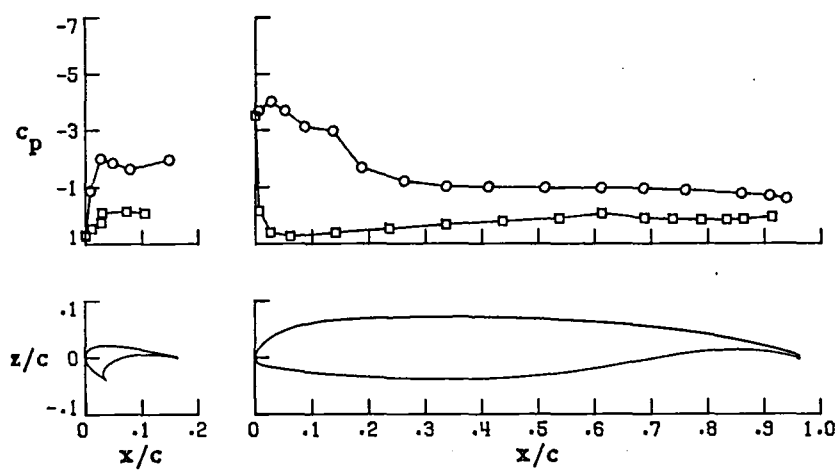


(f)  $\alpha = 14.449^\circ$

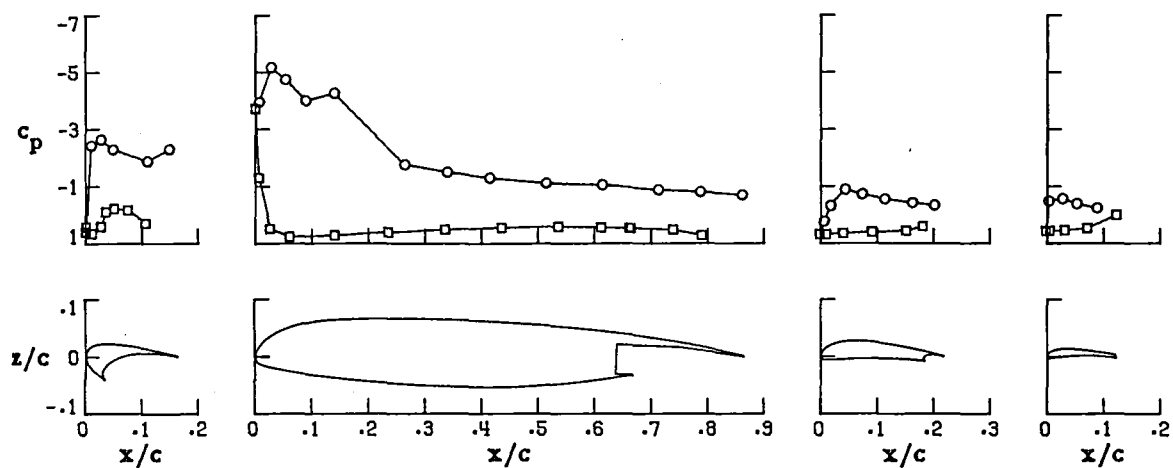
Figure 19.-Continued.

○ upper surface  
□ lower surface

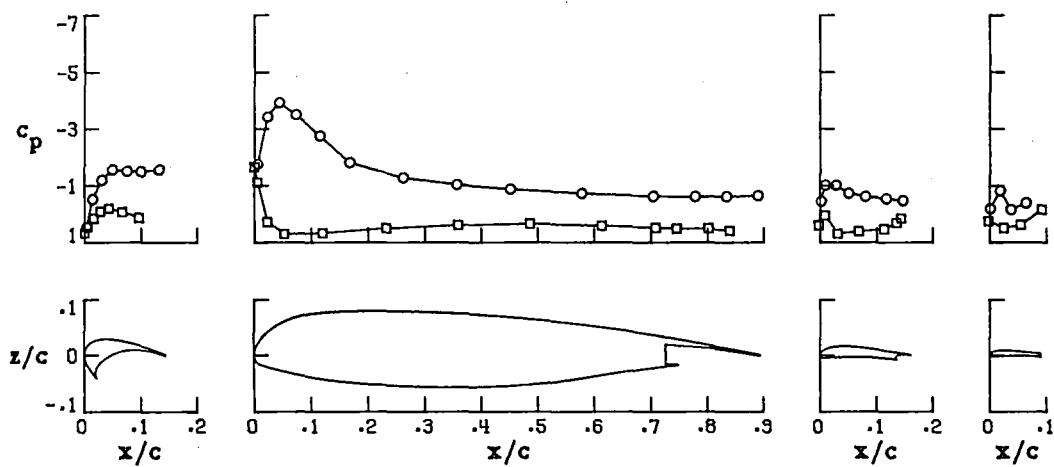
### Wing Station C



### Wing Station B

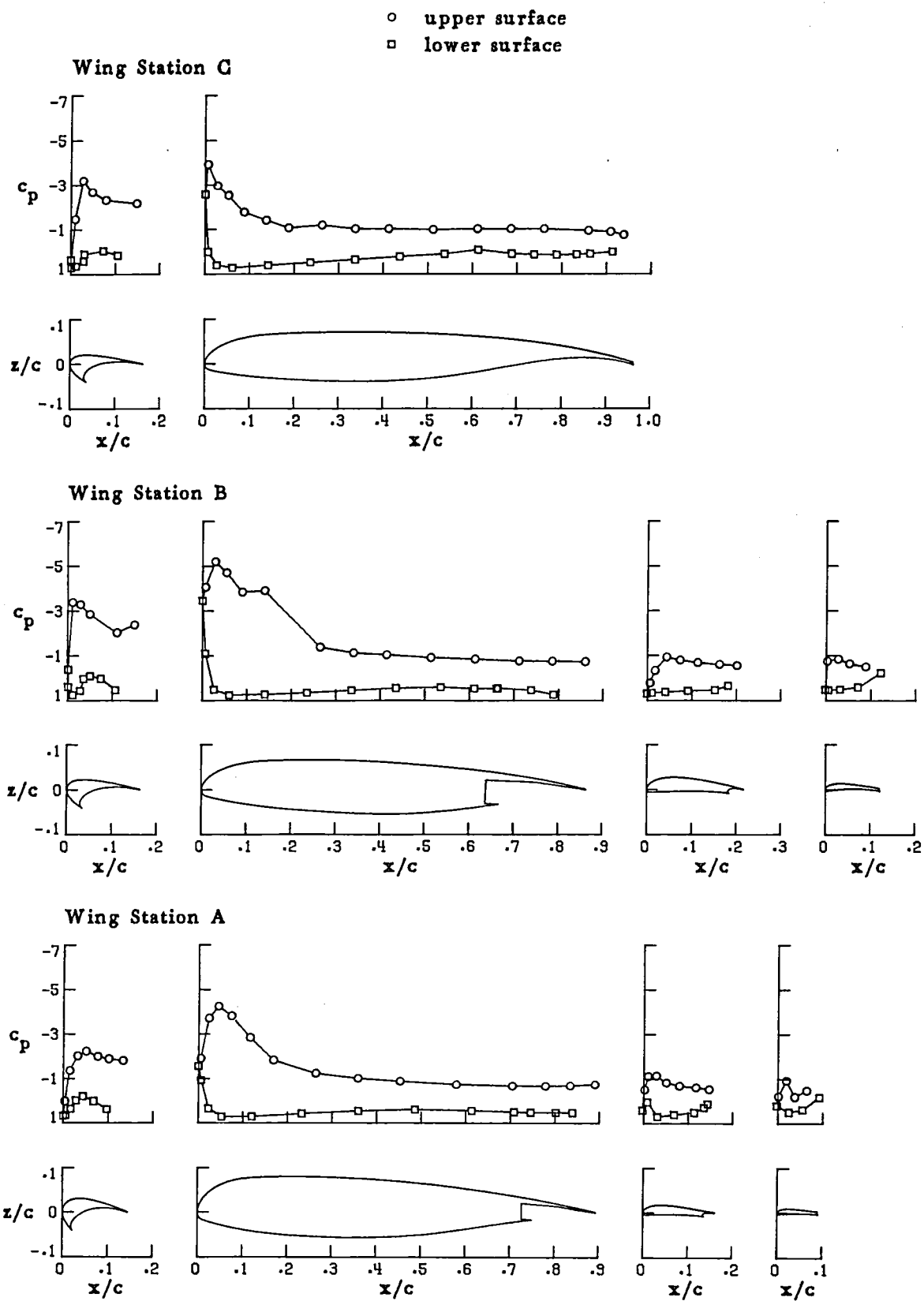


### Wing Station A



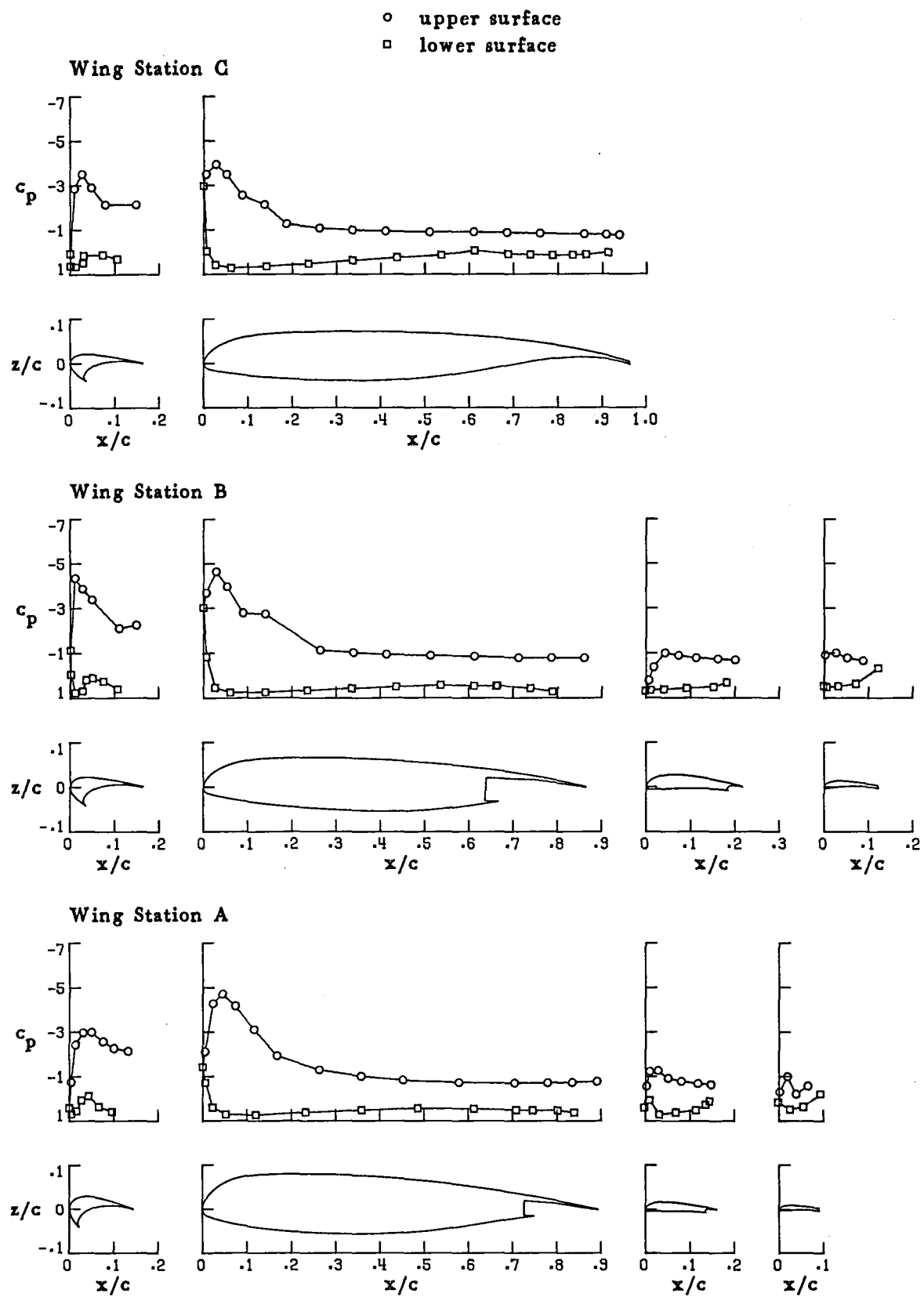
(g)  $\alpha = 16.402^\circ$

Figure 19.-Continued.



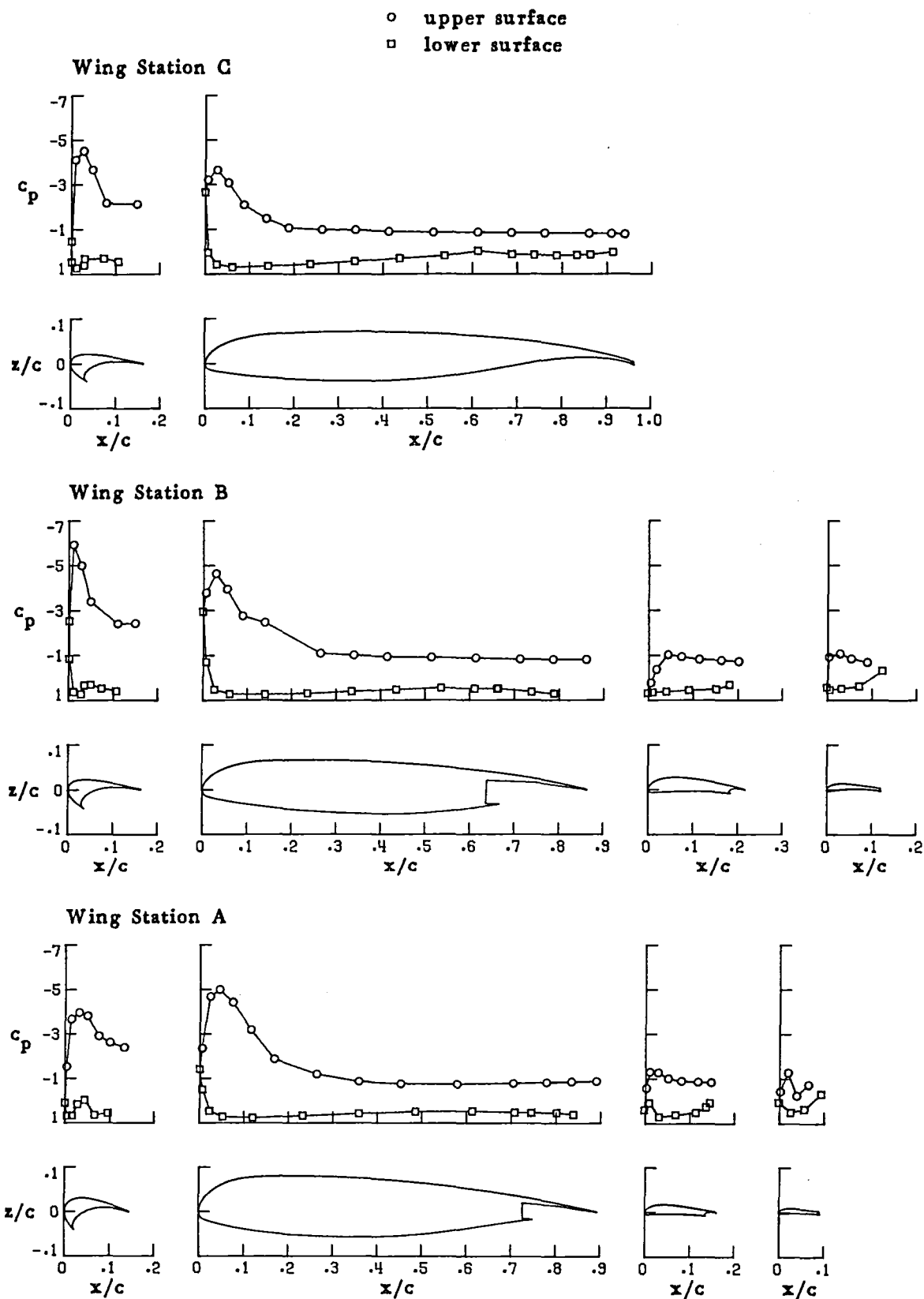
(h)  $\alpha = 20.475^\circ$

Figure 19.-Continued.



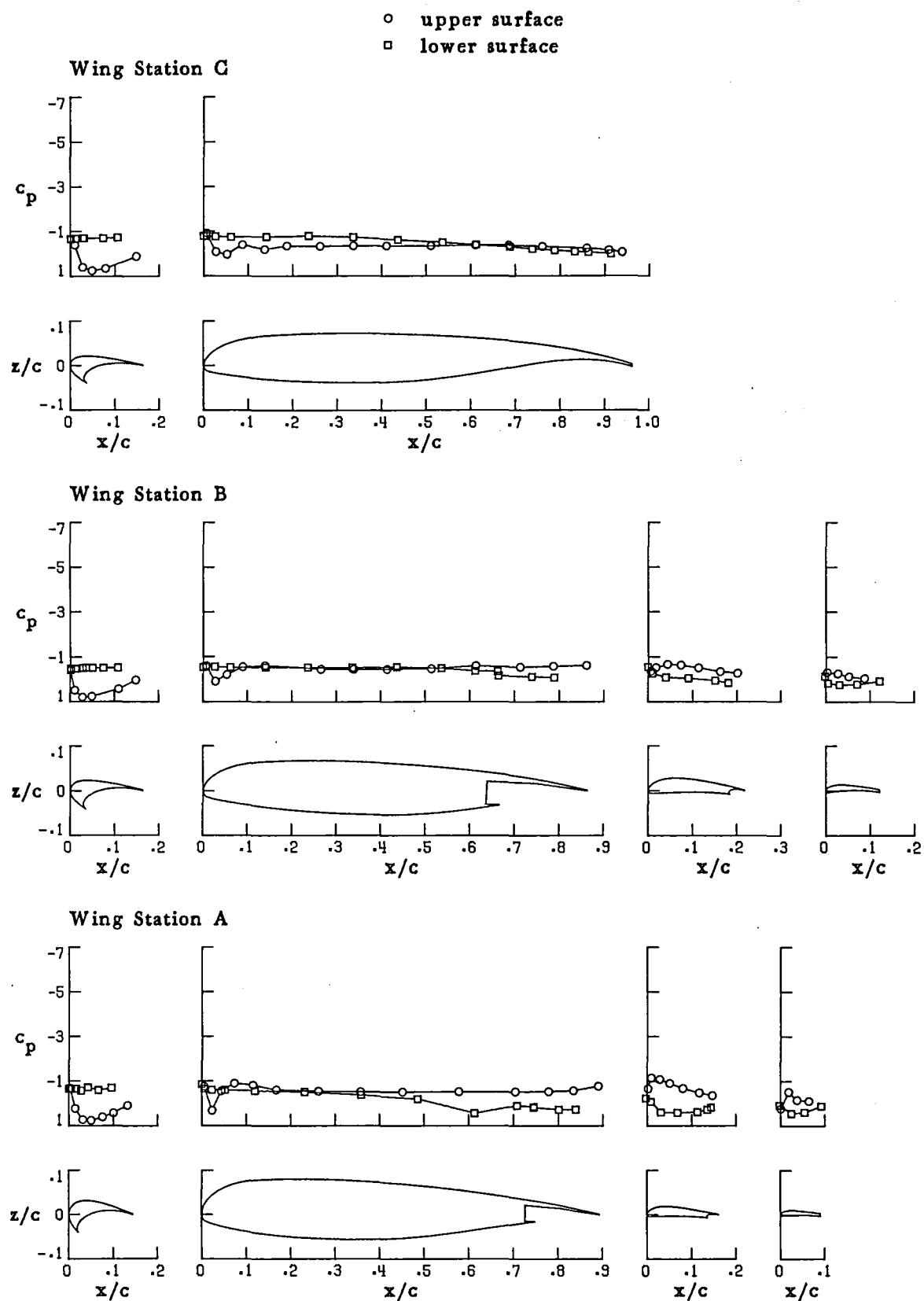
(i)  $\alpha = 24.489^\circ$

Figure 19.-Continued.



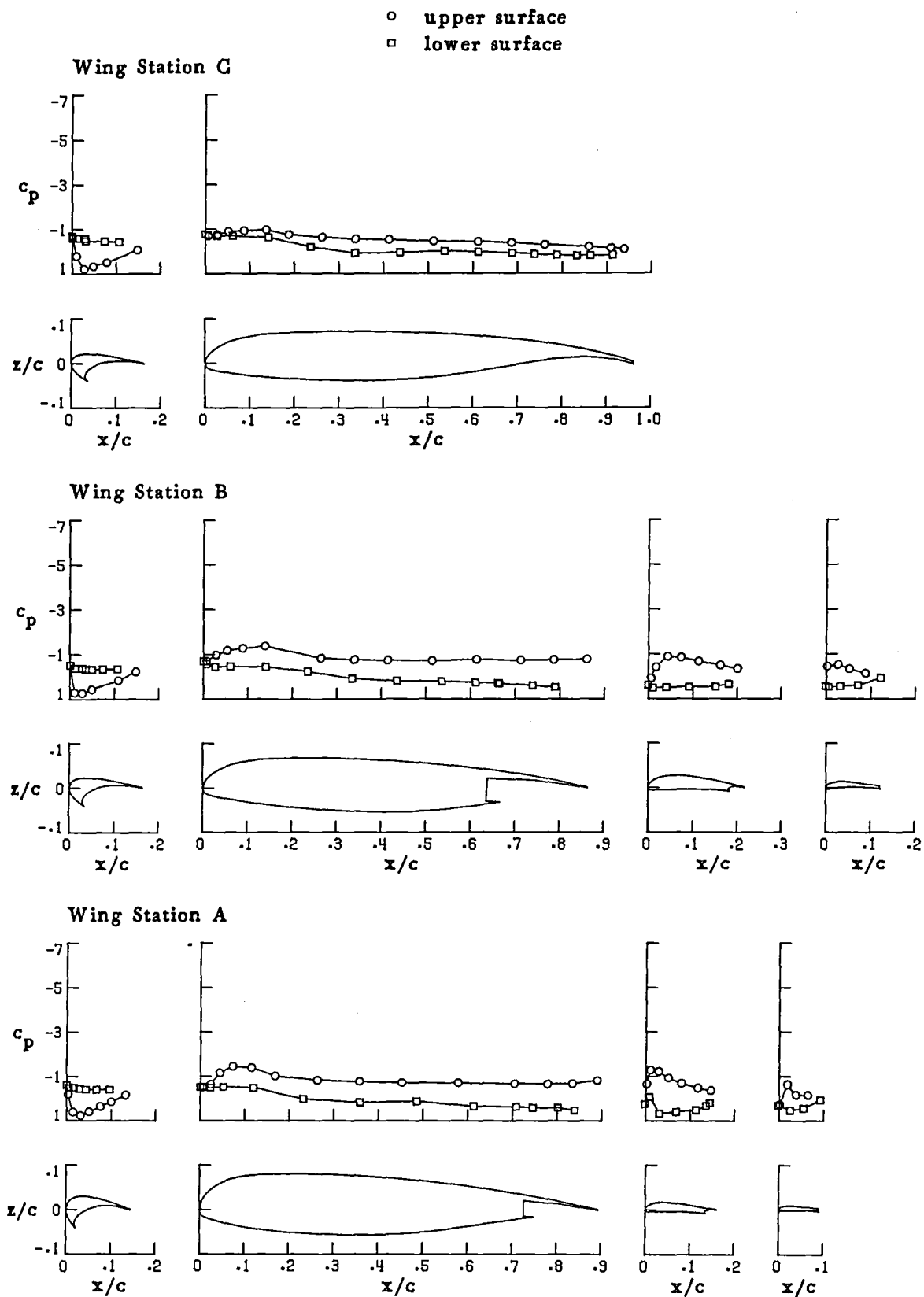
(j)  $\alpha = 28.492^\circ$

Figure 19.-Concluded.



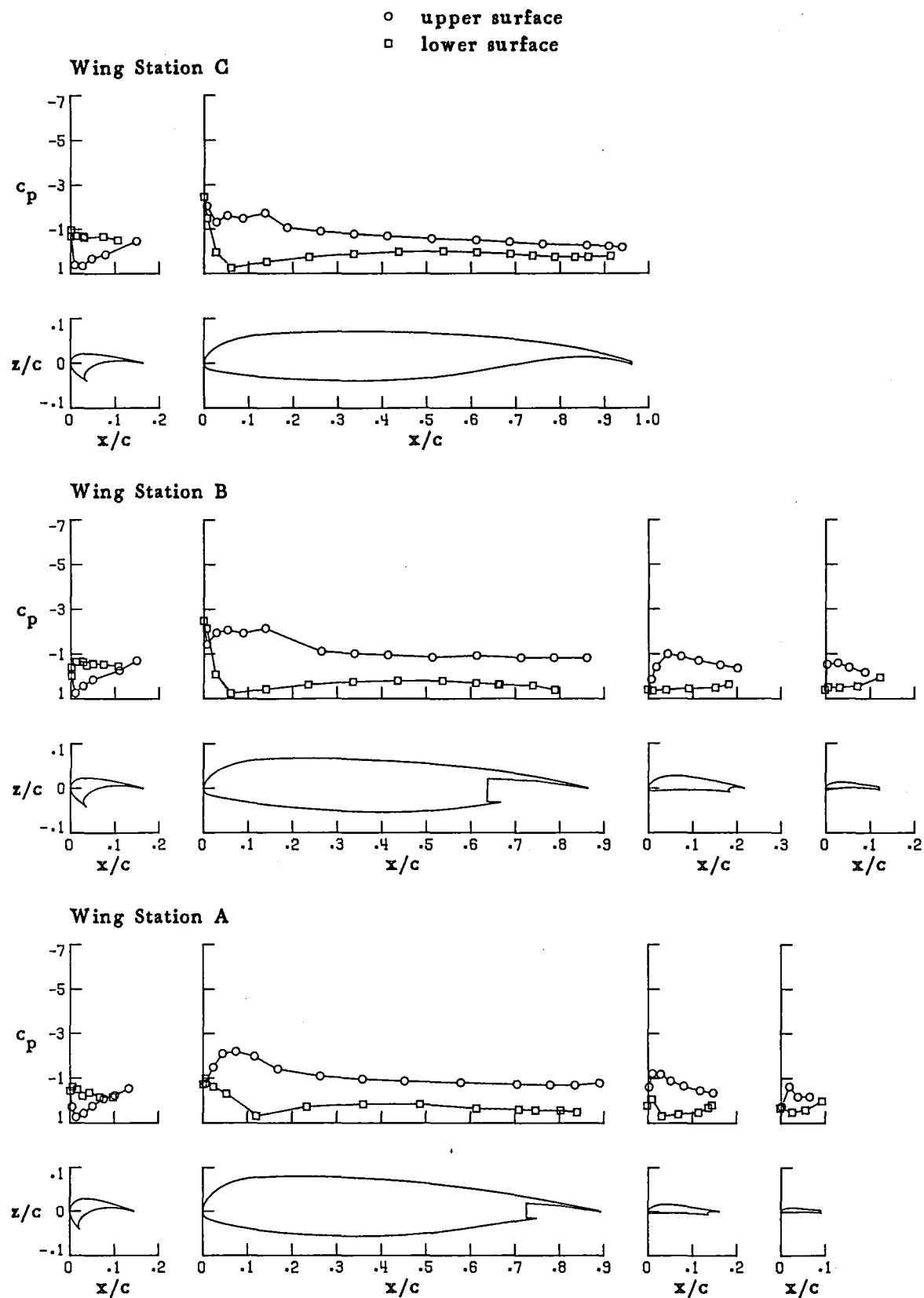
(a)  $\alpha = -3.979^\circ$

Figure 20. - Pressure distributions for aspect-ratio-12,  $30^\circ$  take-off flap wing configuration with  $-50^\circ$  deflection of inboard slat. (Run 47)



(b)  $\alpha = .174^\circ$

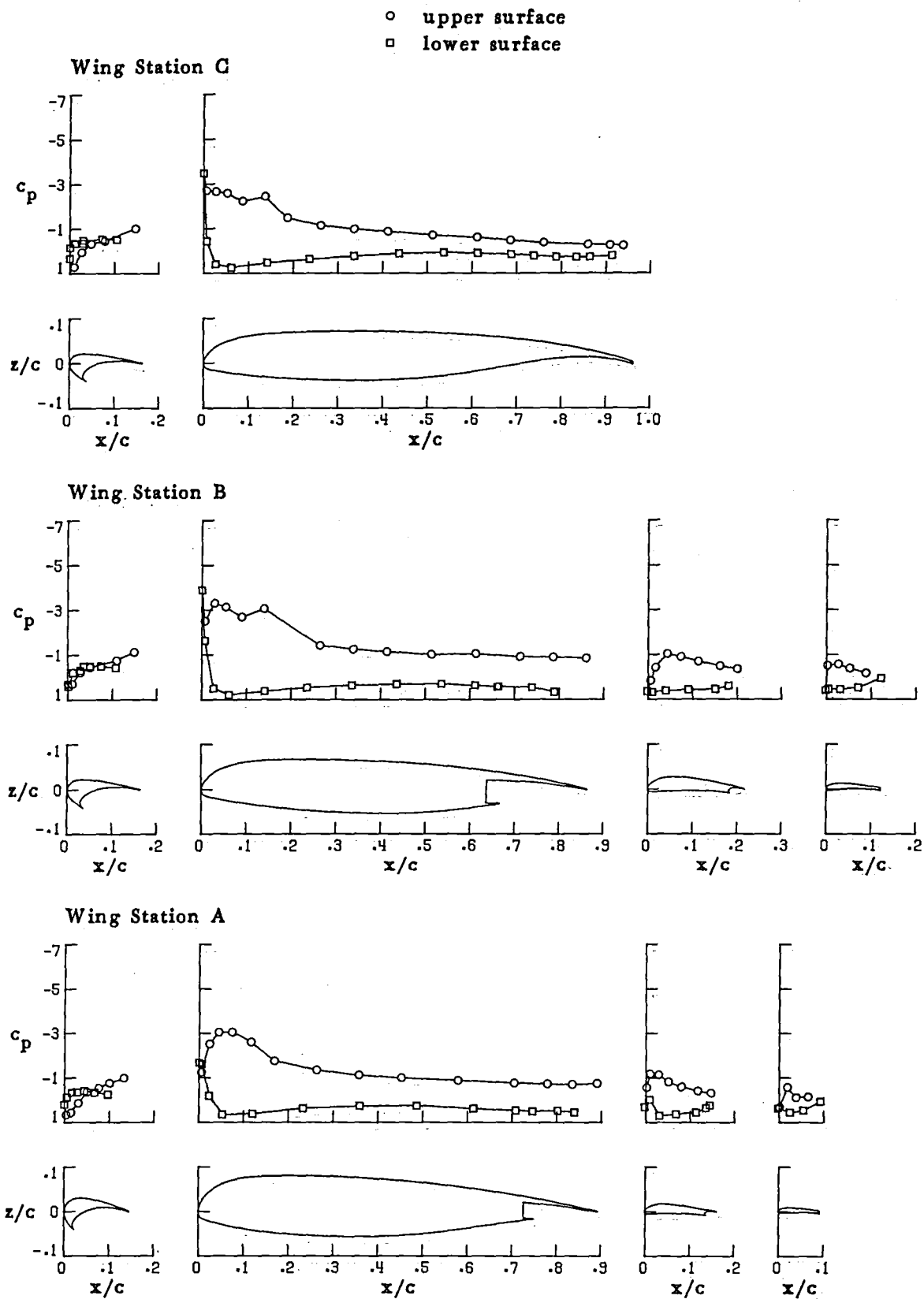
Figure 20.-Continued.



(c)  $\alpha = 4.253^\circ$

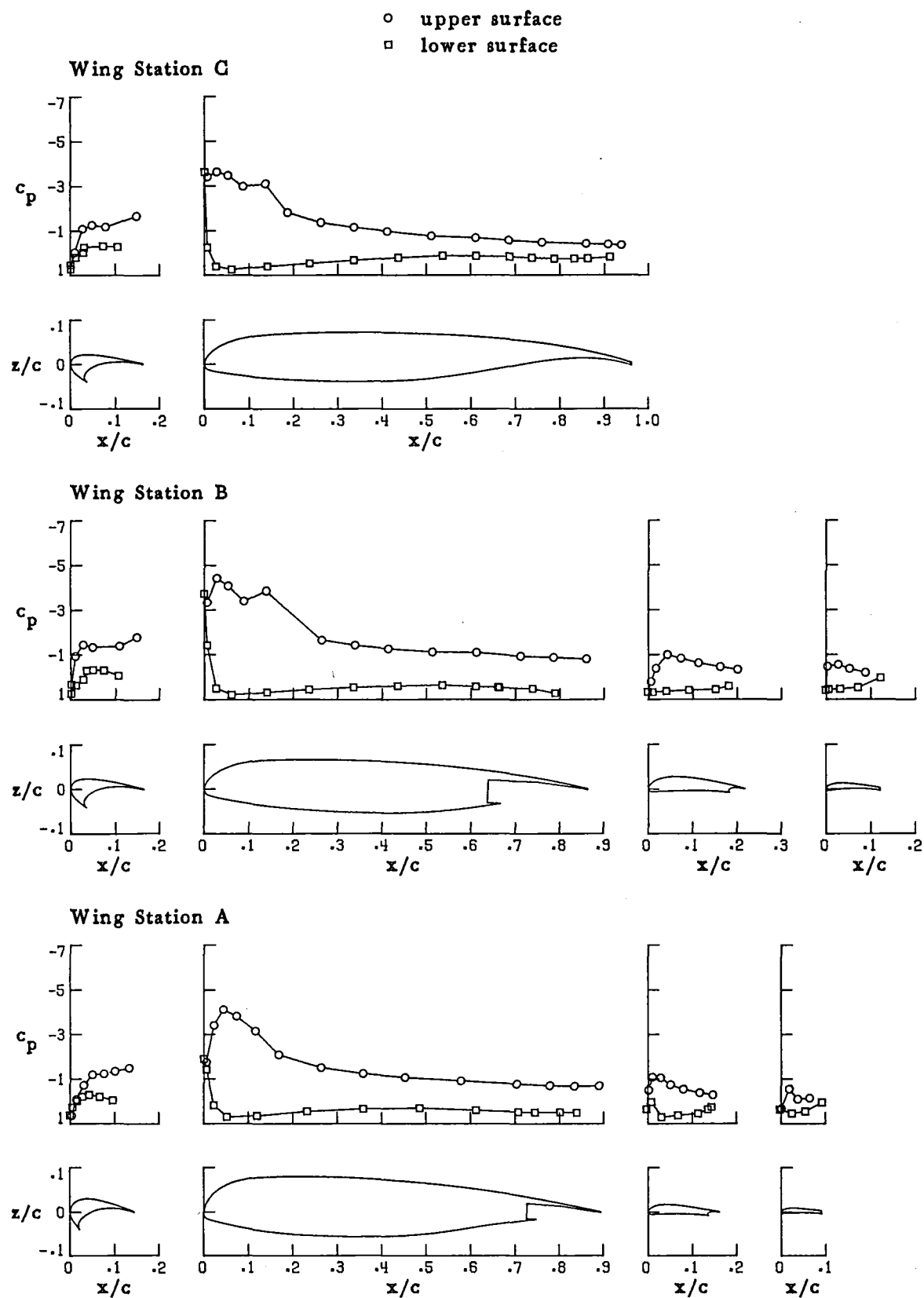
Figure 20.-Continued.





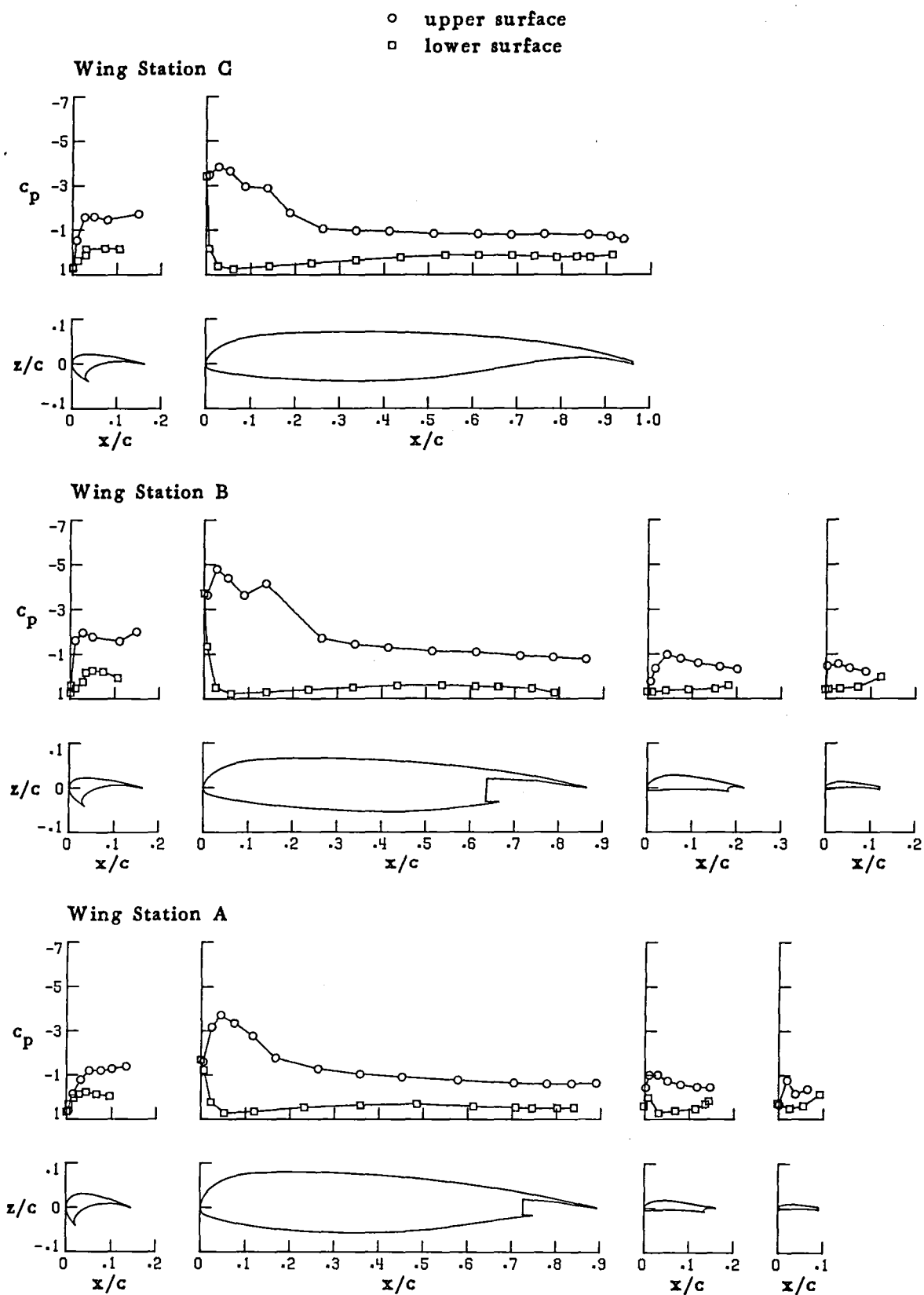
(d)  $\alpha = 8.317^\circ$

Figure 20.-Continued.



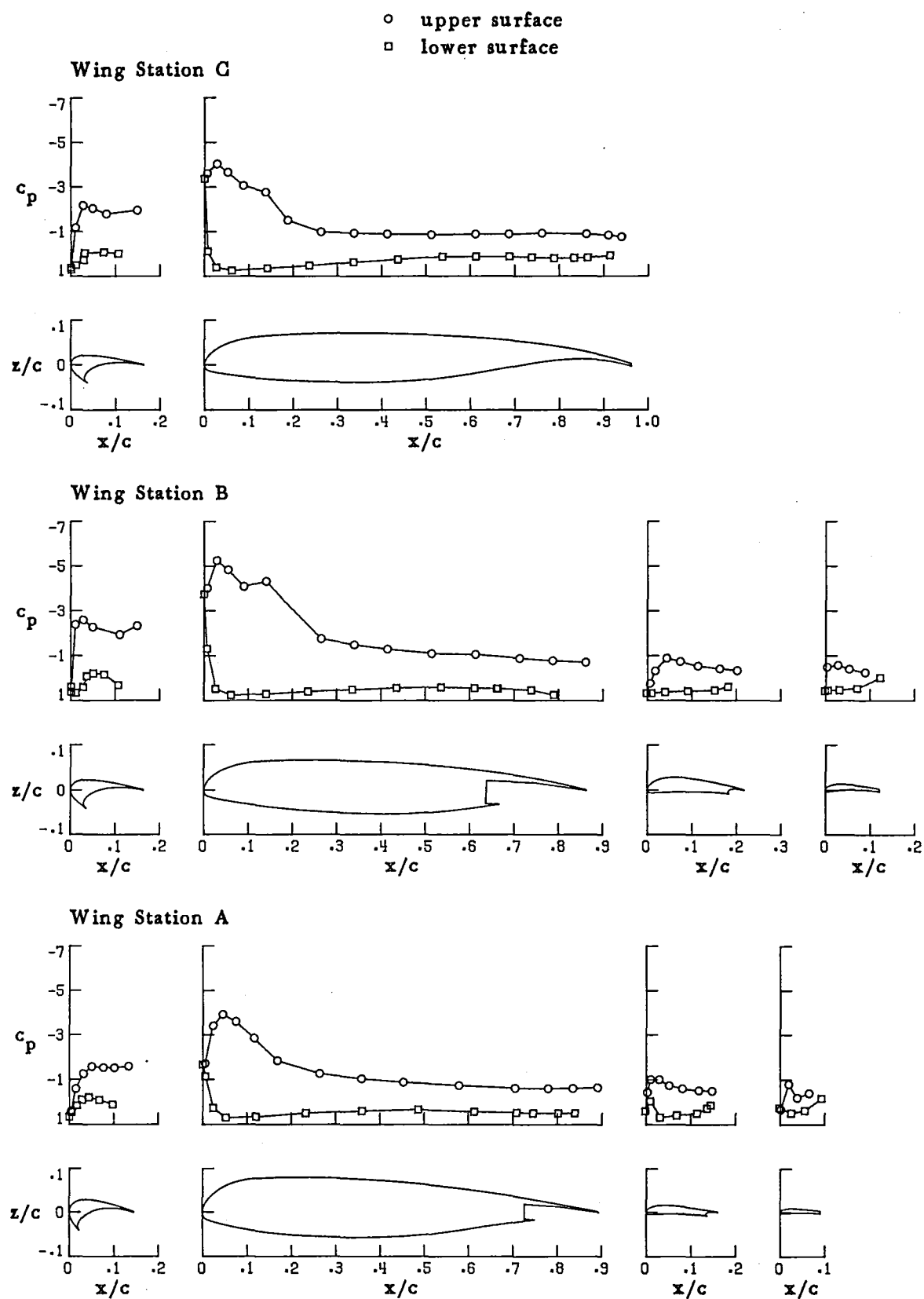
(e)  $\alpha = 12.382^\circ$

Figure 20.-Continued.



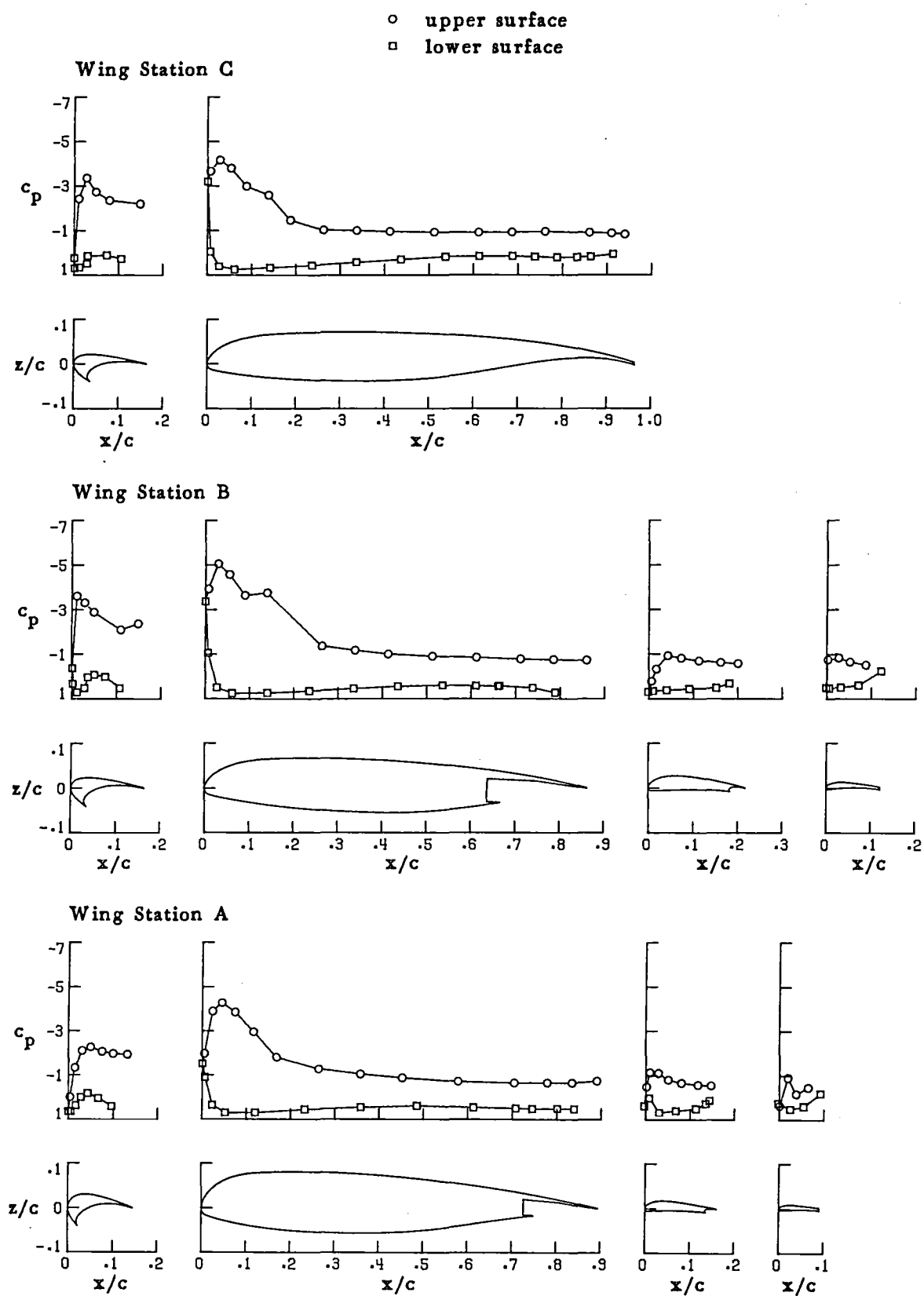
(f)  $\alpha = 14.380^\circ$

Figure 20.-Continued.



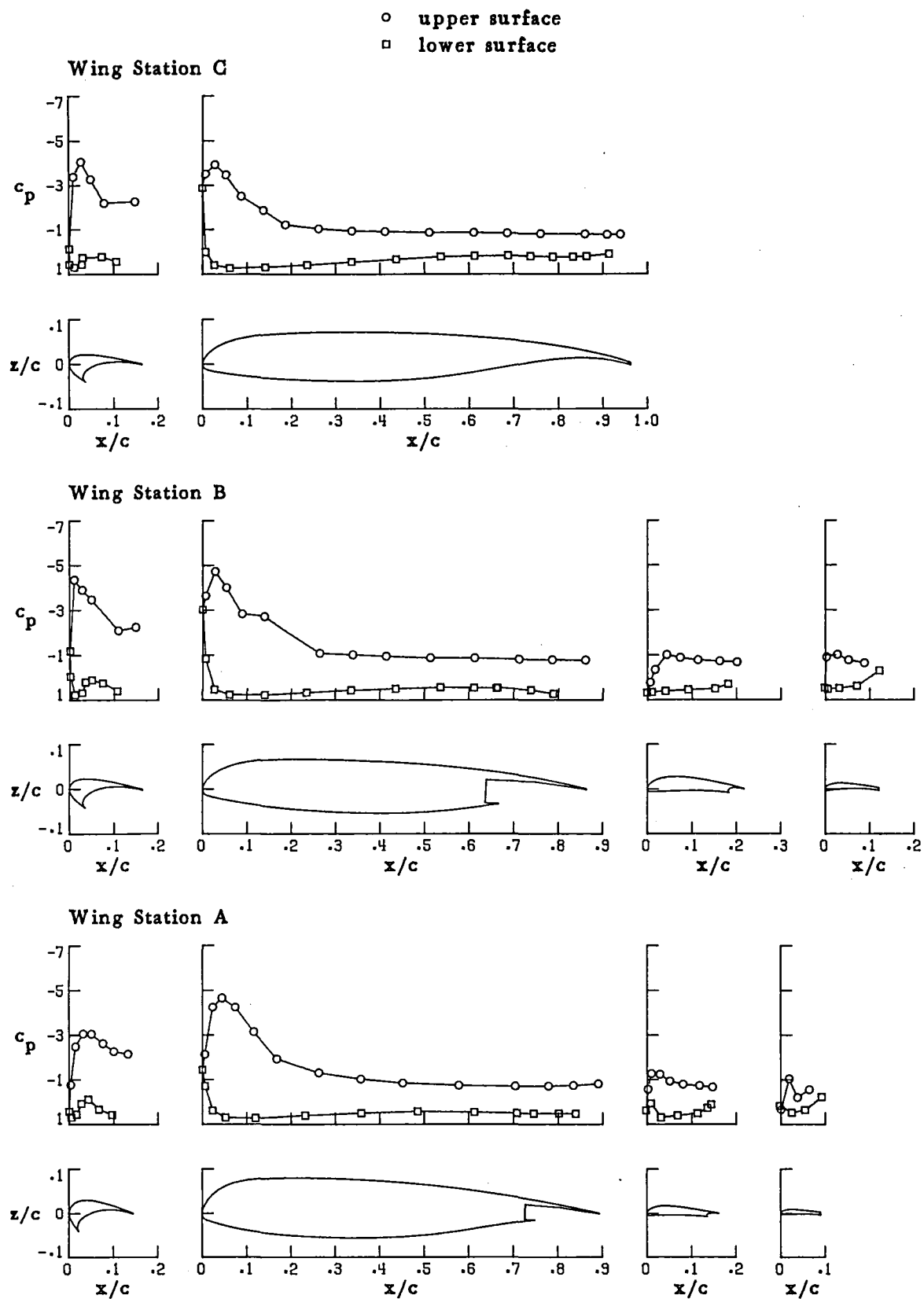
(g)  $\alpha = 16.423^\circ$

Figure 20.-Continued.



(h)  $\alpha = 20.443^\circ$

Figure 20.-Continued.

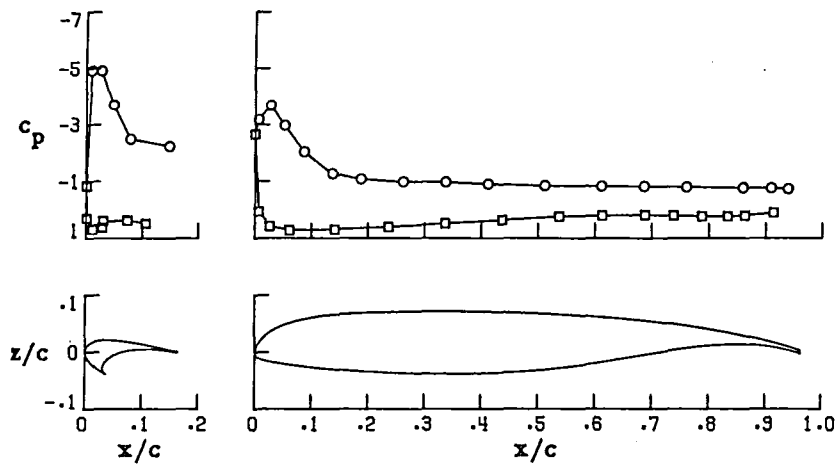


(i)  $\alpha = 24.532^\circ$

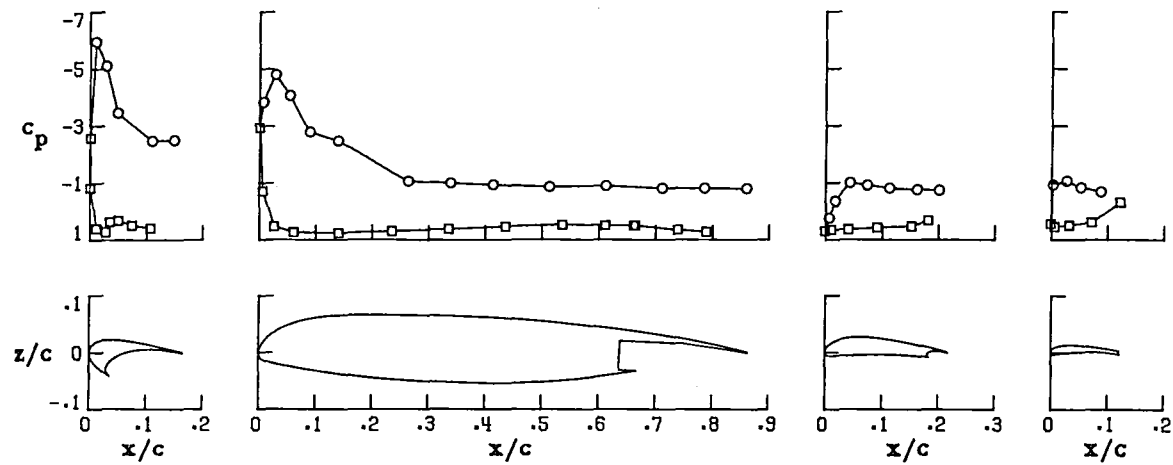
Figure 20.-Continued.

○ upper surface  
□ lower surface

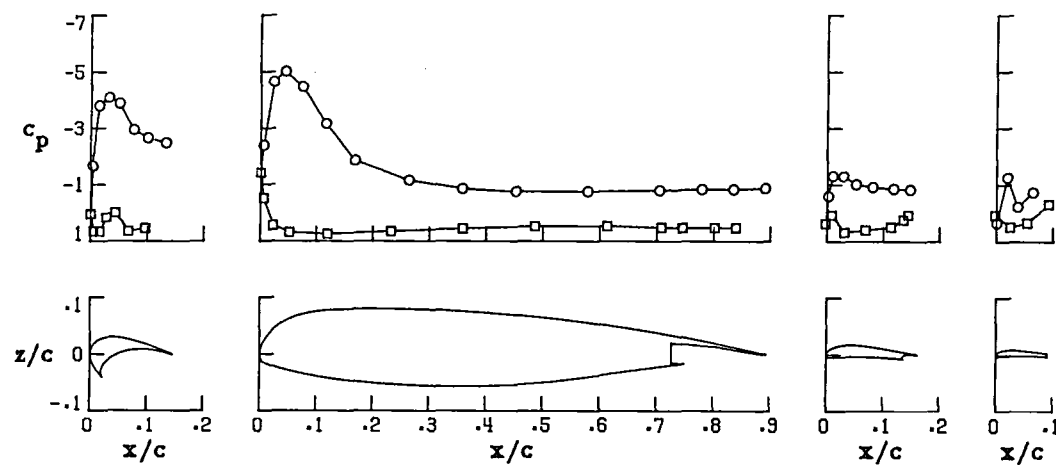
### Wing Station C



### Wing Station B

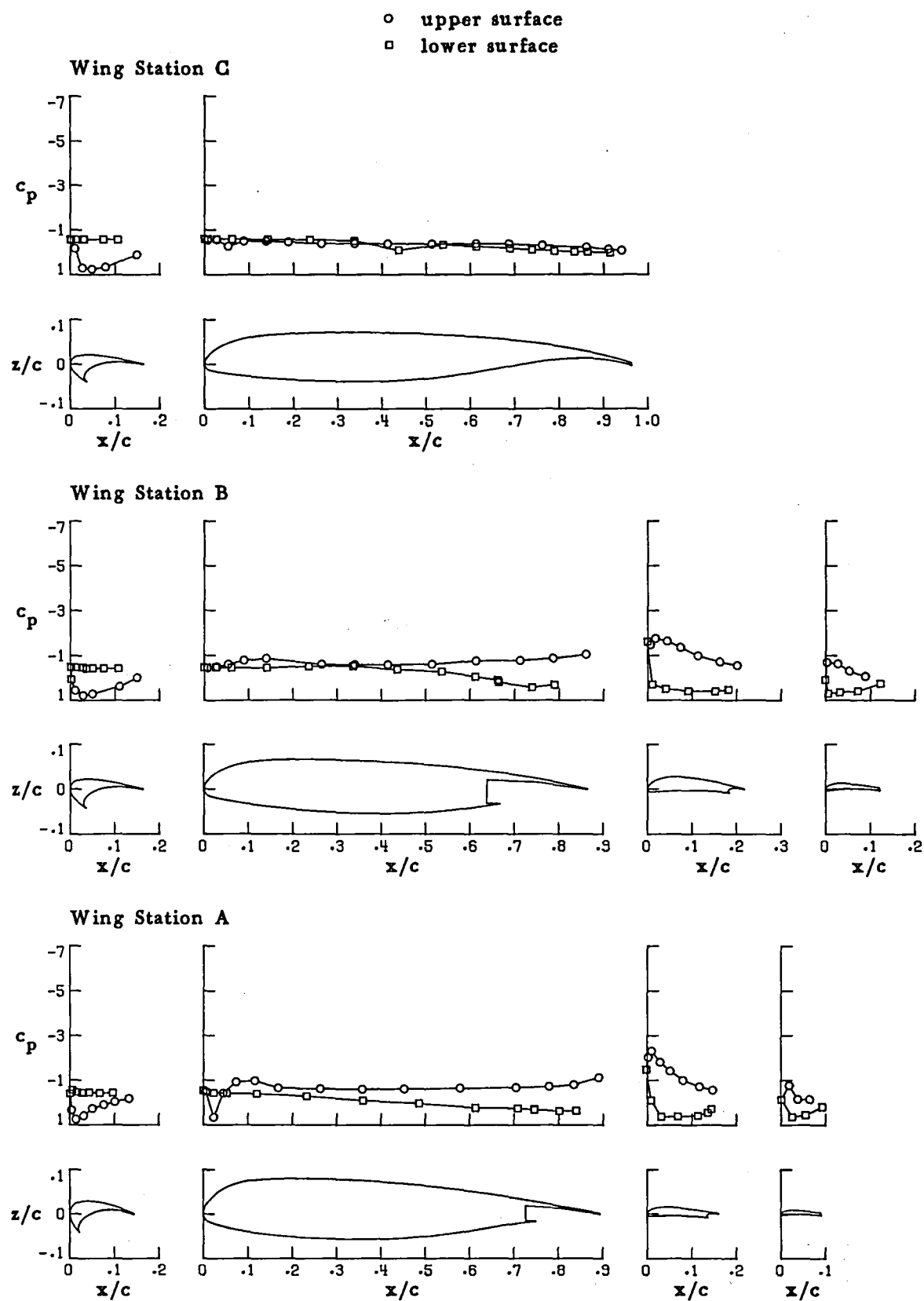


### Wing Station A



(j)  $\alpha = 28.587^\circ$

Figure 20.-Concluded.



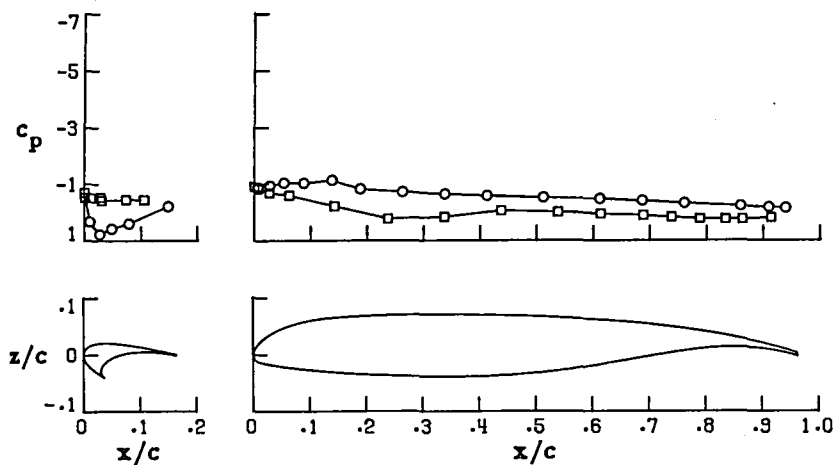
(a)  $\alpha = -3.850^\circ$

Figure 21. - Pressure distributions for aspect-ratio-10,  $45^\circ$  landing flap wing configuration with  $-30^\circ$  deflection of inboard slat. (Run 35)

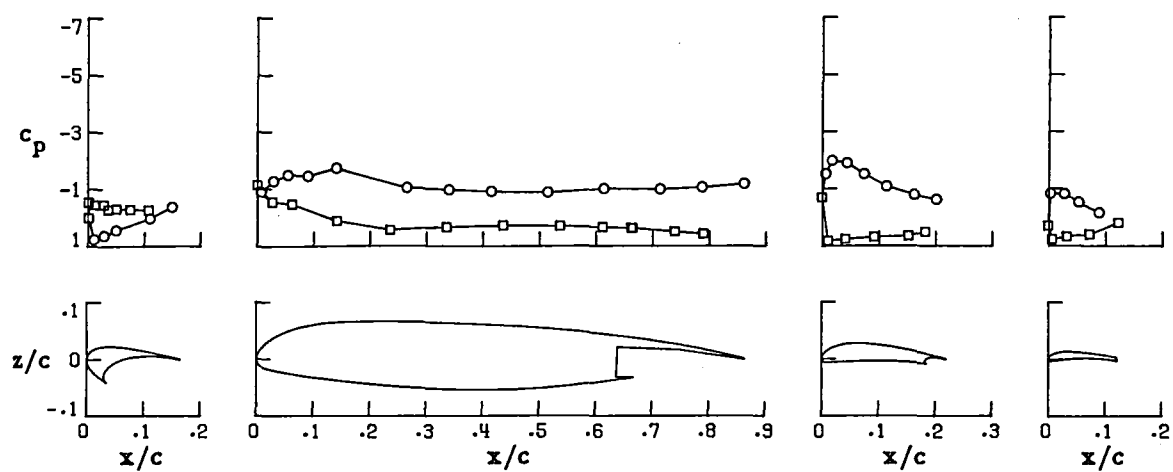


○ upper surface  
□ lower surface

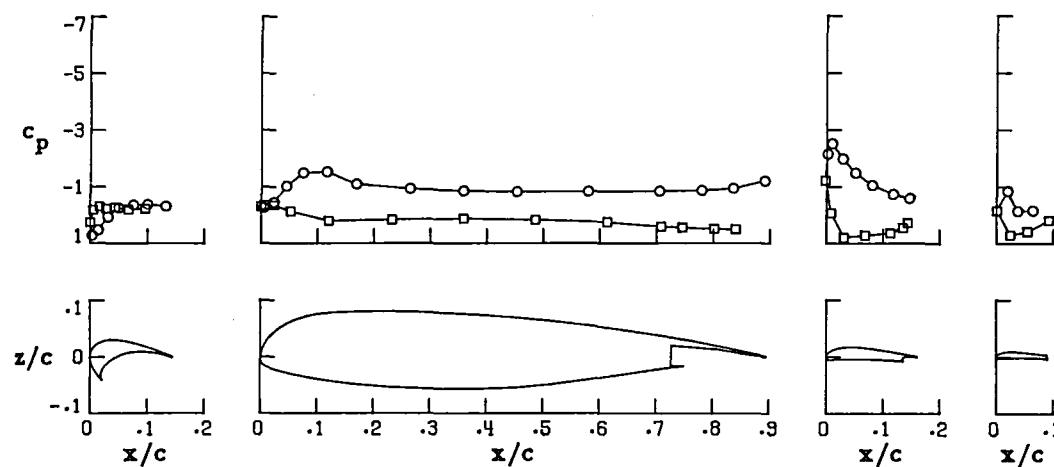
### Wing Station C



### Wing Station B



### Wing Station A

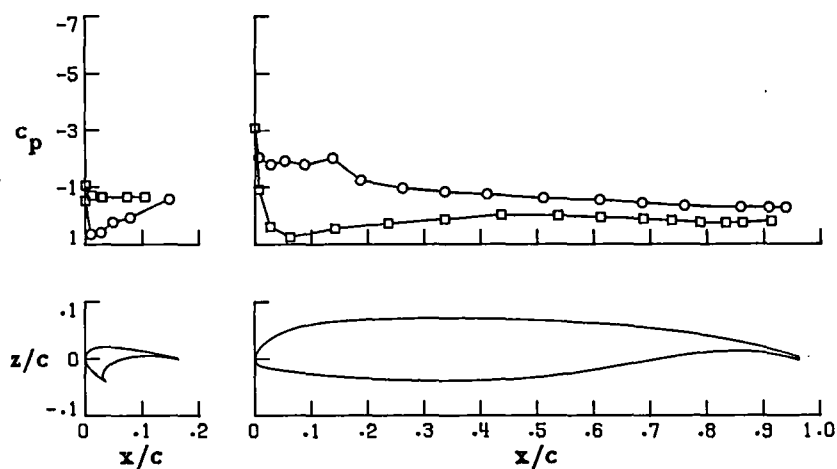


(b)  $\alpha = .266^\circ$

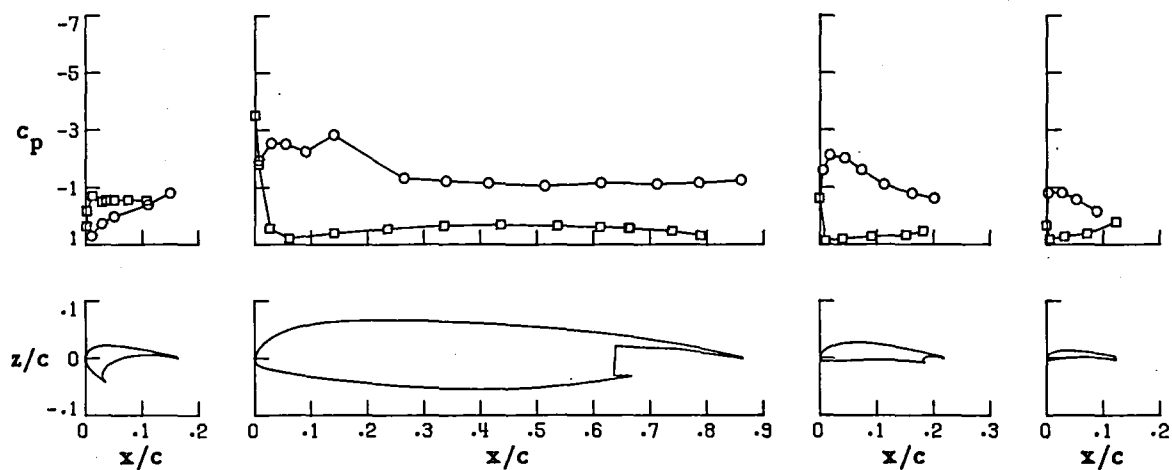
Figure 21-Continued.

○ upper surface  
□ lower surface

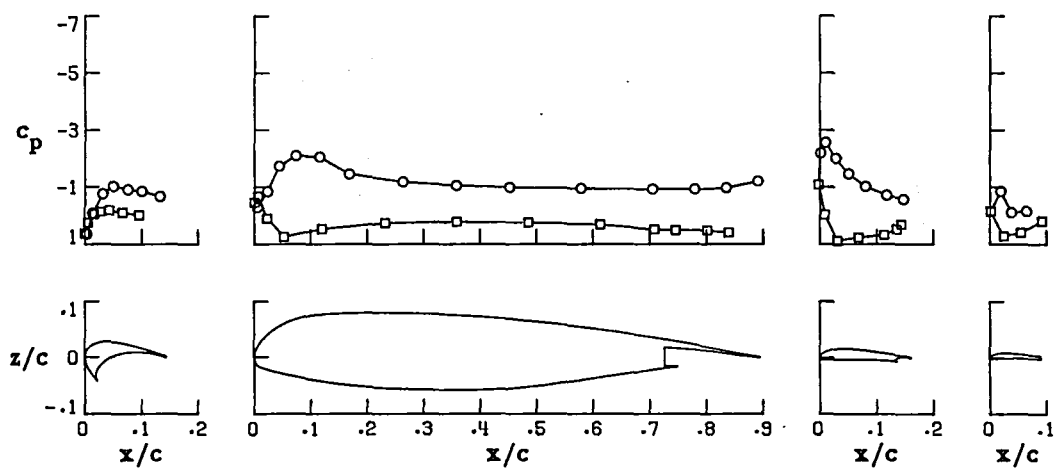
### Wing Station C



### Wing Station B

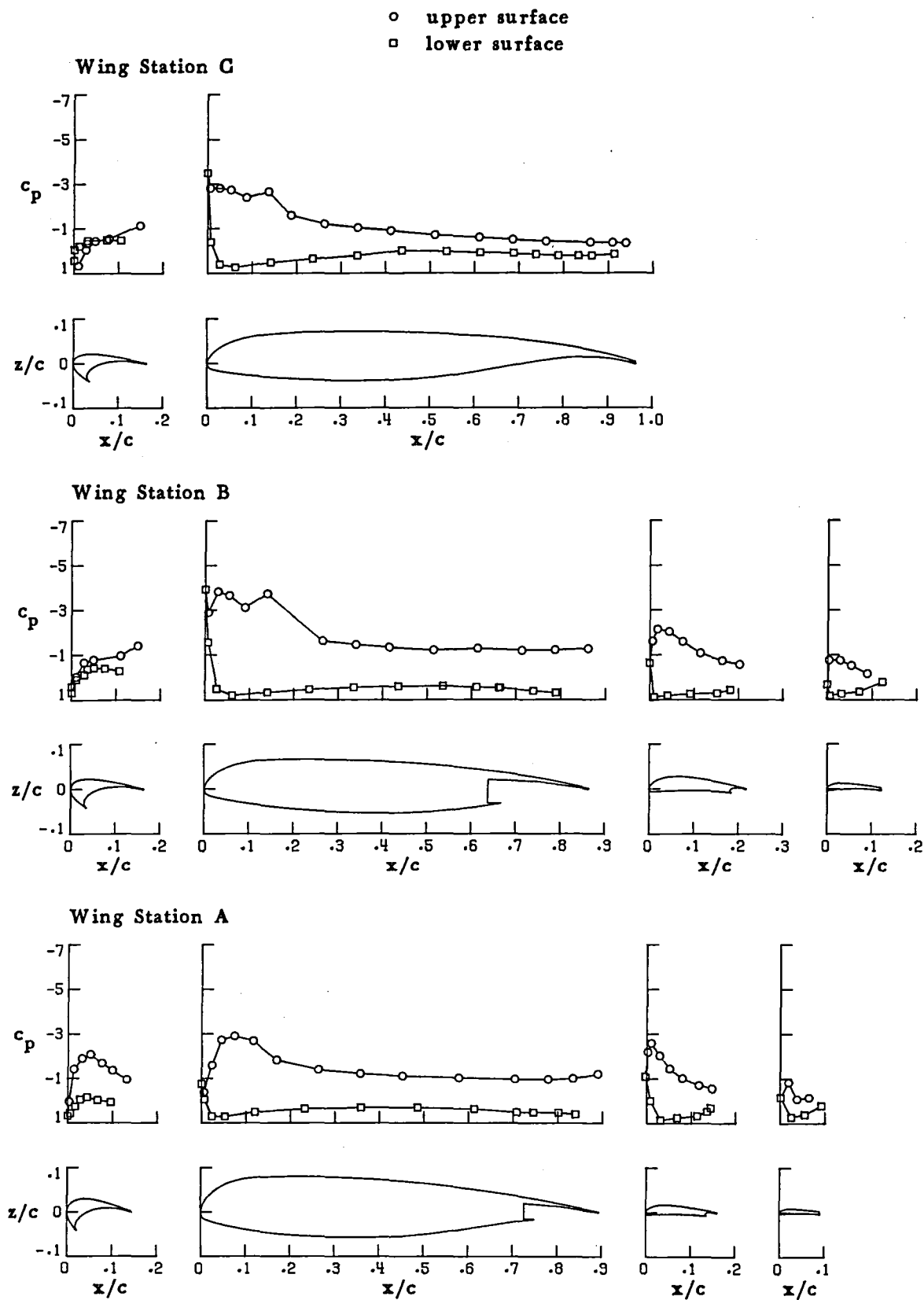


### Wing Station A



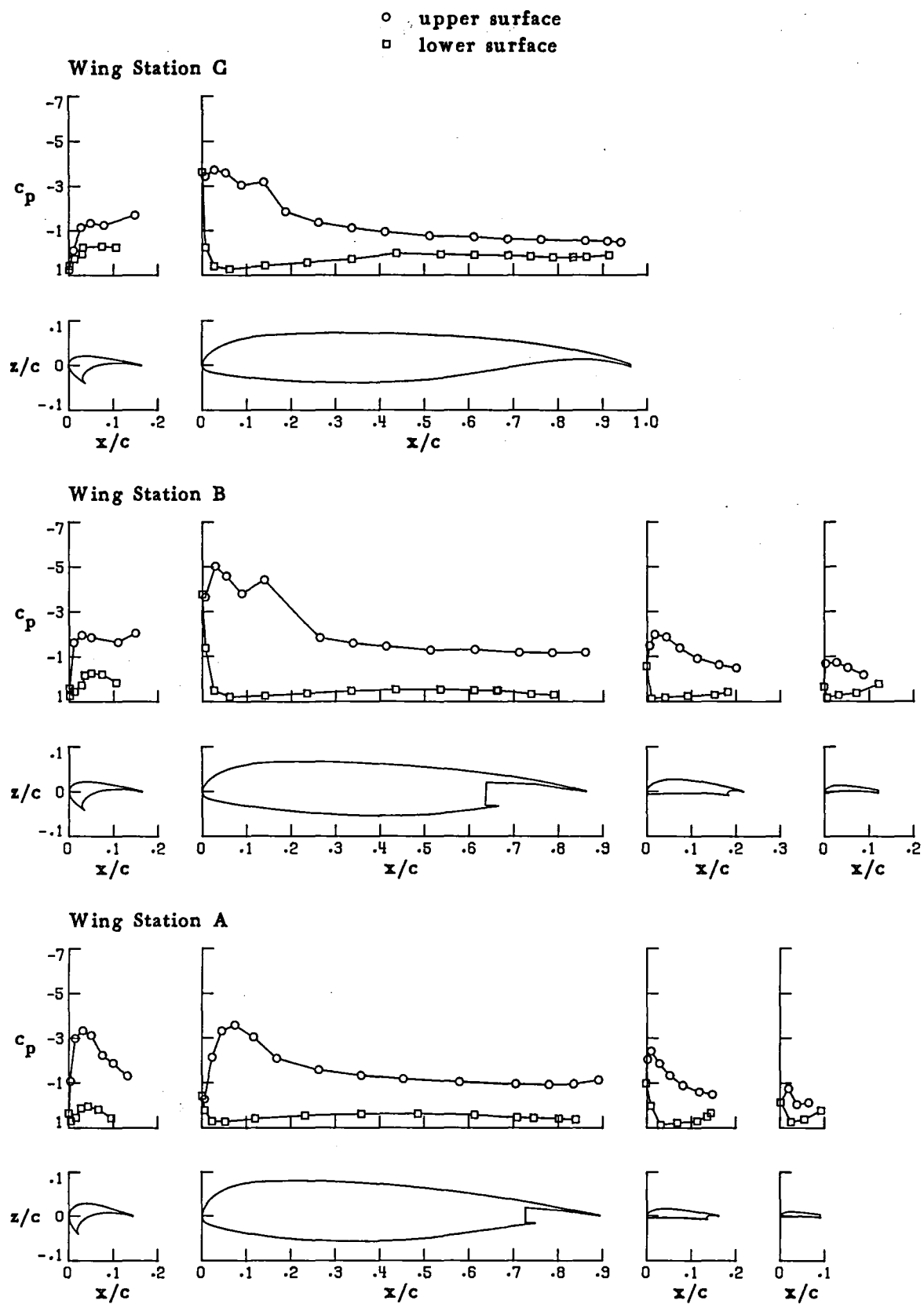
(c)  $\alpha = 4.295^\circ$

Figure 21.-Continued.



(d)  $\alpha = 8.886^\circ$

Figure 21.-Continued.

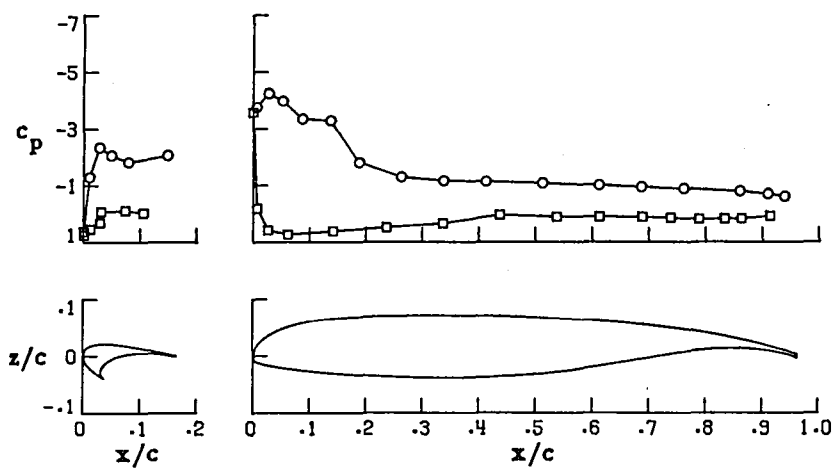


(e)  $\alpha = 12.467^\circ$

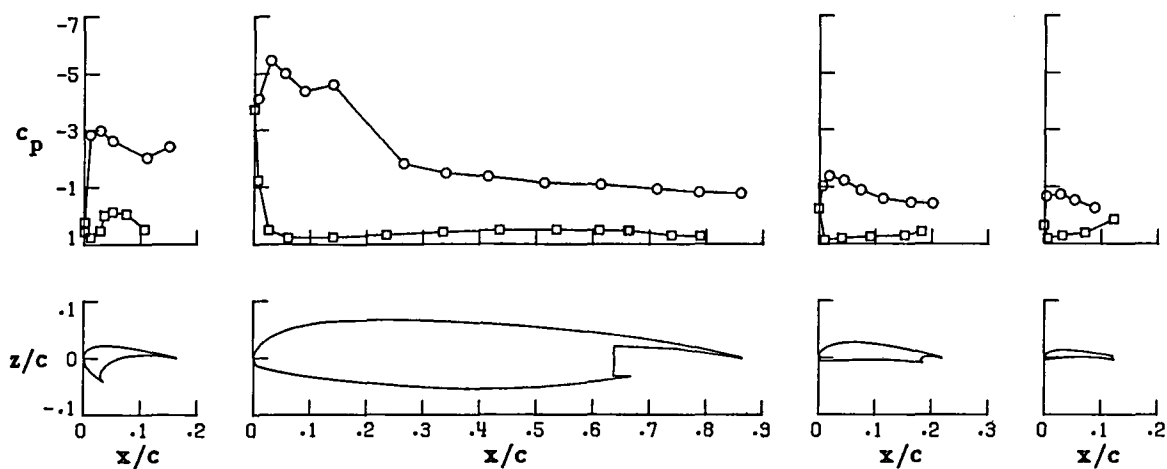
Figure 21.-Continued.

○ upper surface  
□ lower surface

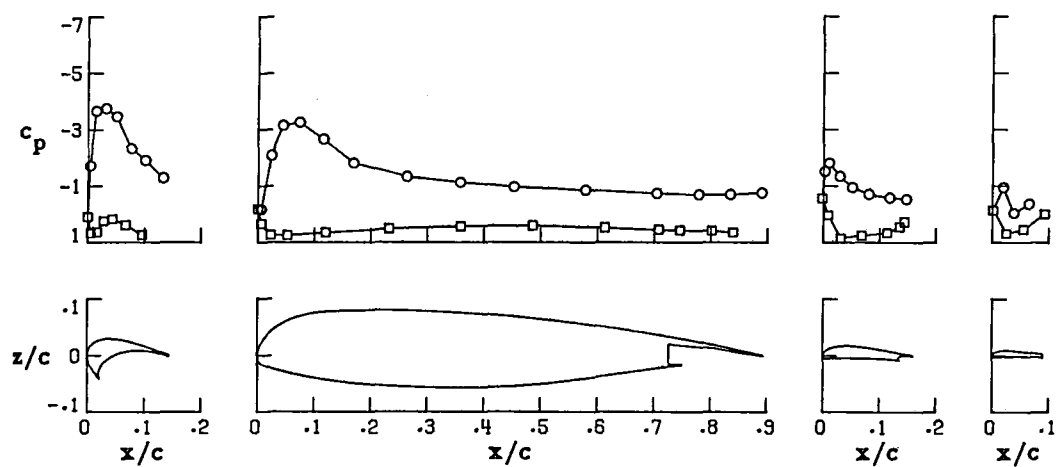
### Wing Station C



### Wing Station B

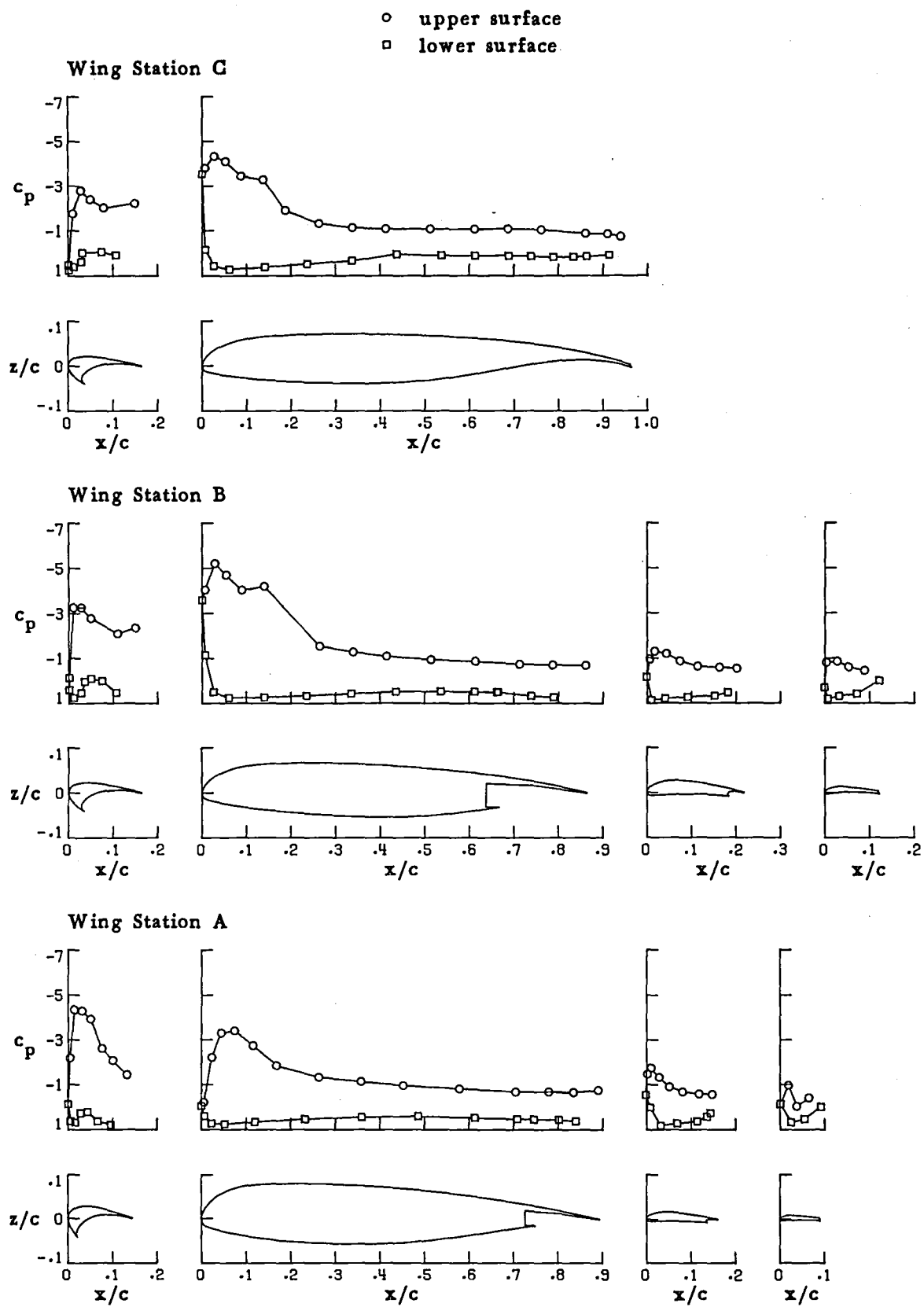


### Wing Station A



(f)  $\alpha = 16.455^\circ$

Figure 21.-Continued.

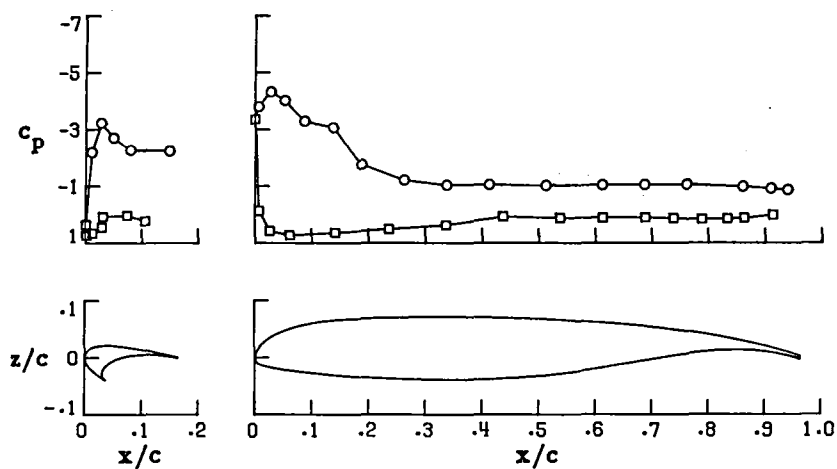


(g)  $\alpha = 18.447^\circ$

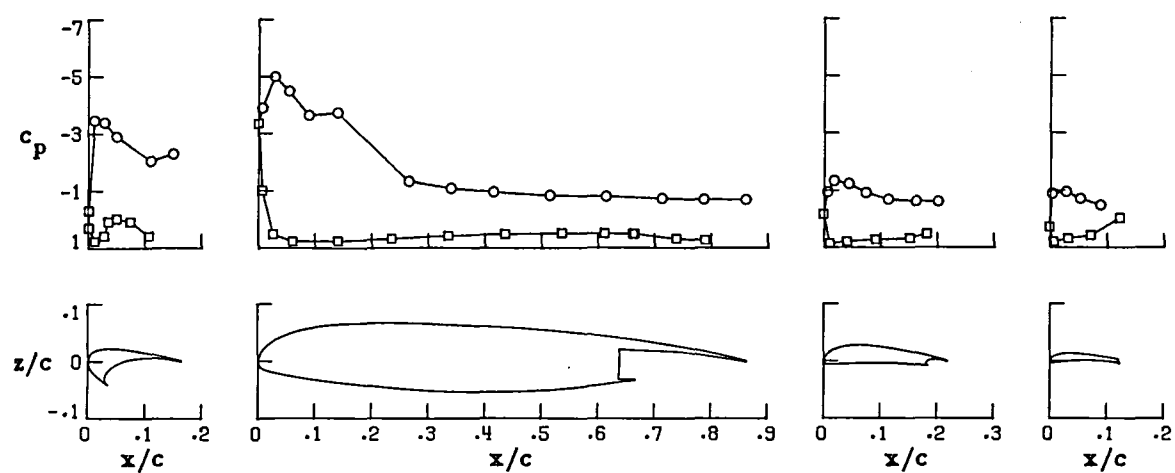
Figure 21.-Continued.

○ upper surface  
□ lower surface

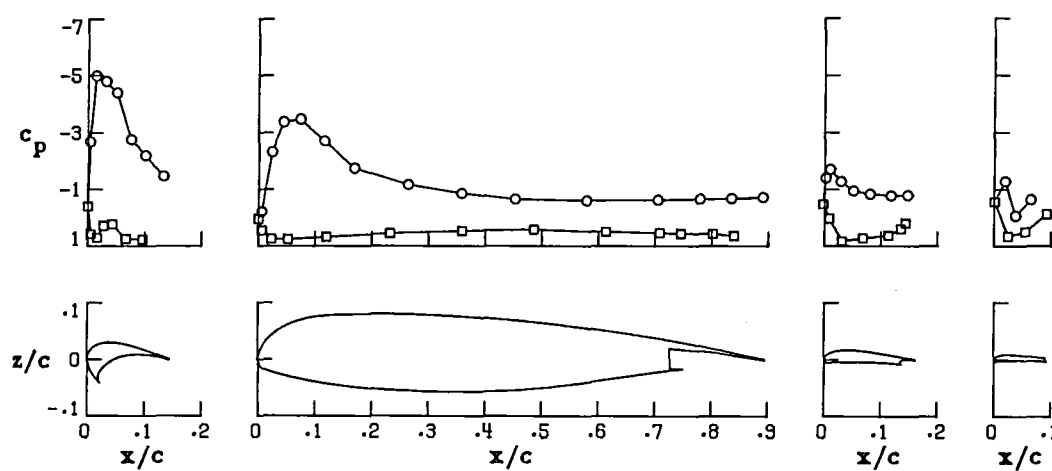
### Wing Station C



### Wing Station B



### Wing Station A

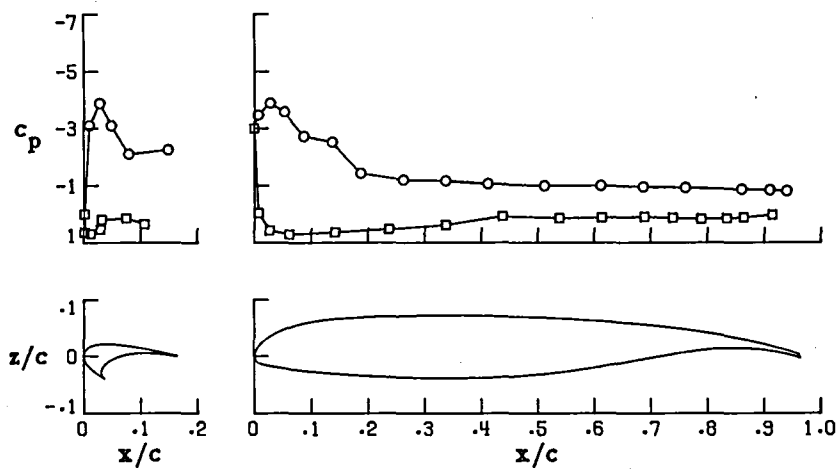


(h)  $\alpha = 20.411^\circ$

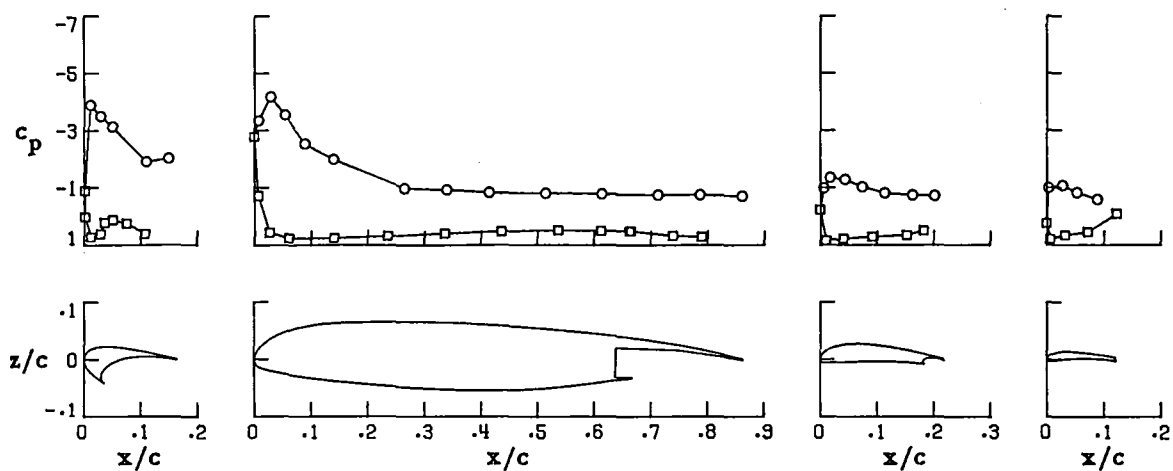
Figure 21.-Continued.

○ upper surface  
□ lower surface

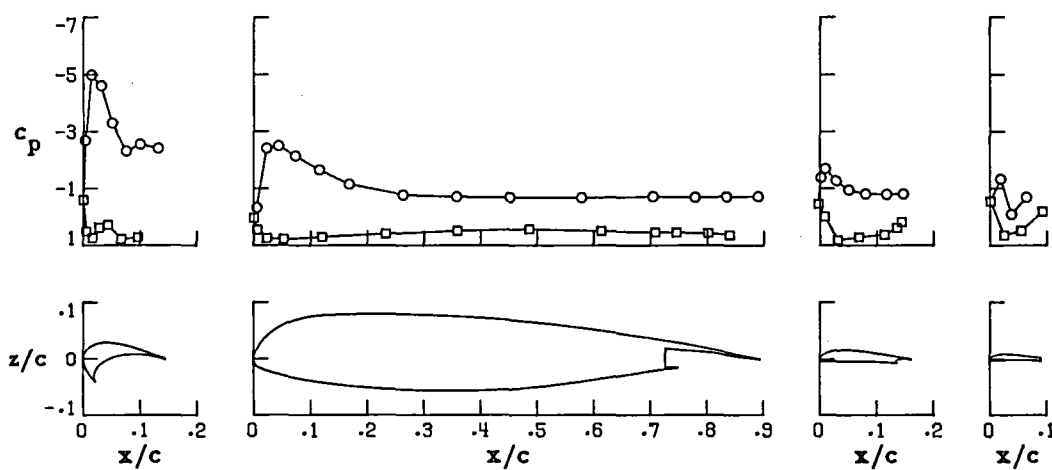
### Wing Station C



### Wing Station B



### Wing Station A



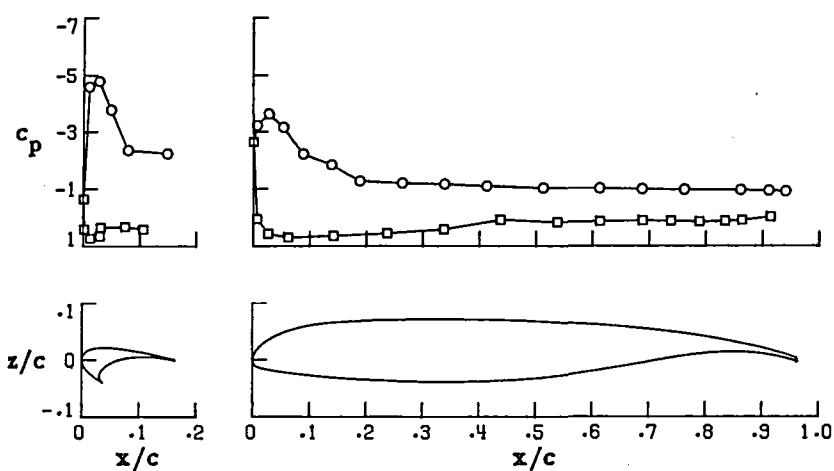
(i)  $\alpha = 24.518^\circ$

Figure 21.-Continued.

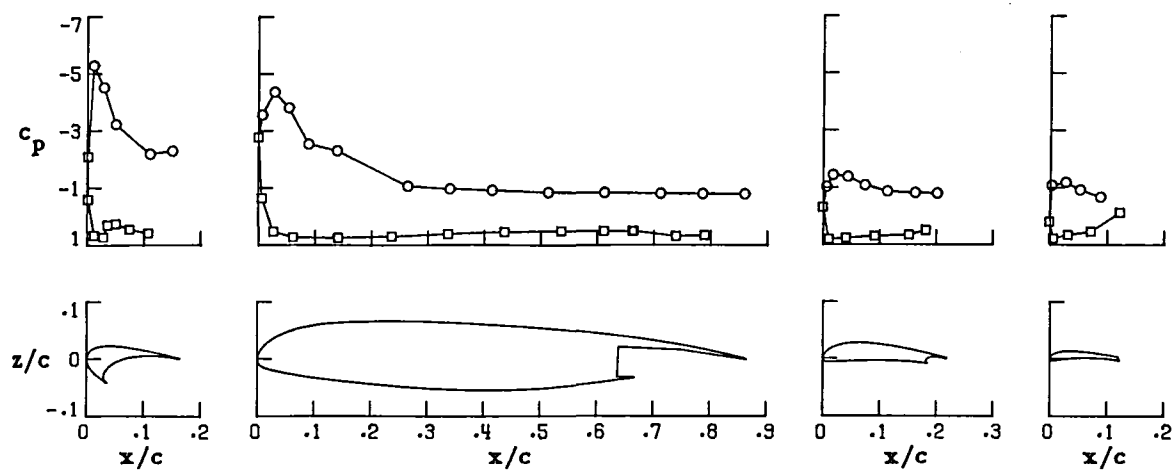


○ upper surface  
□ lower surface

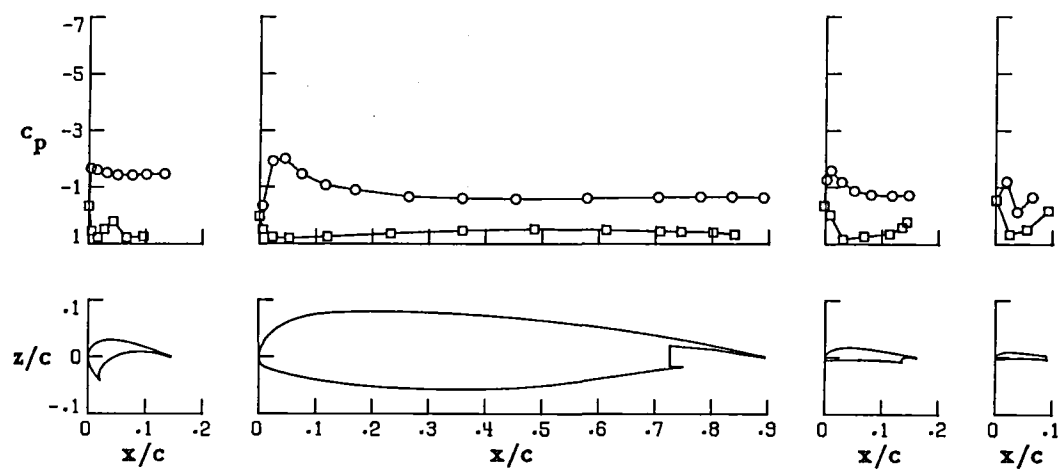
### Wing Station C



### Wing Station B

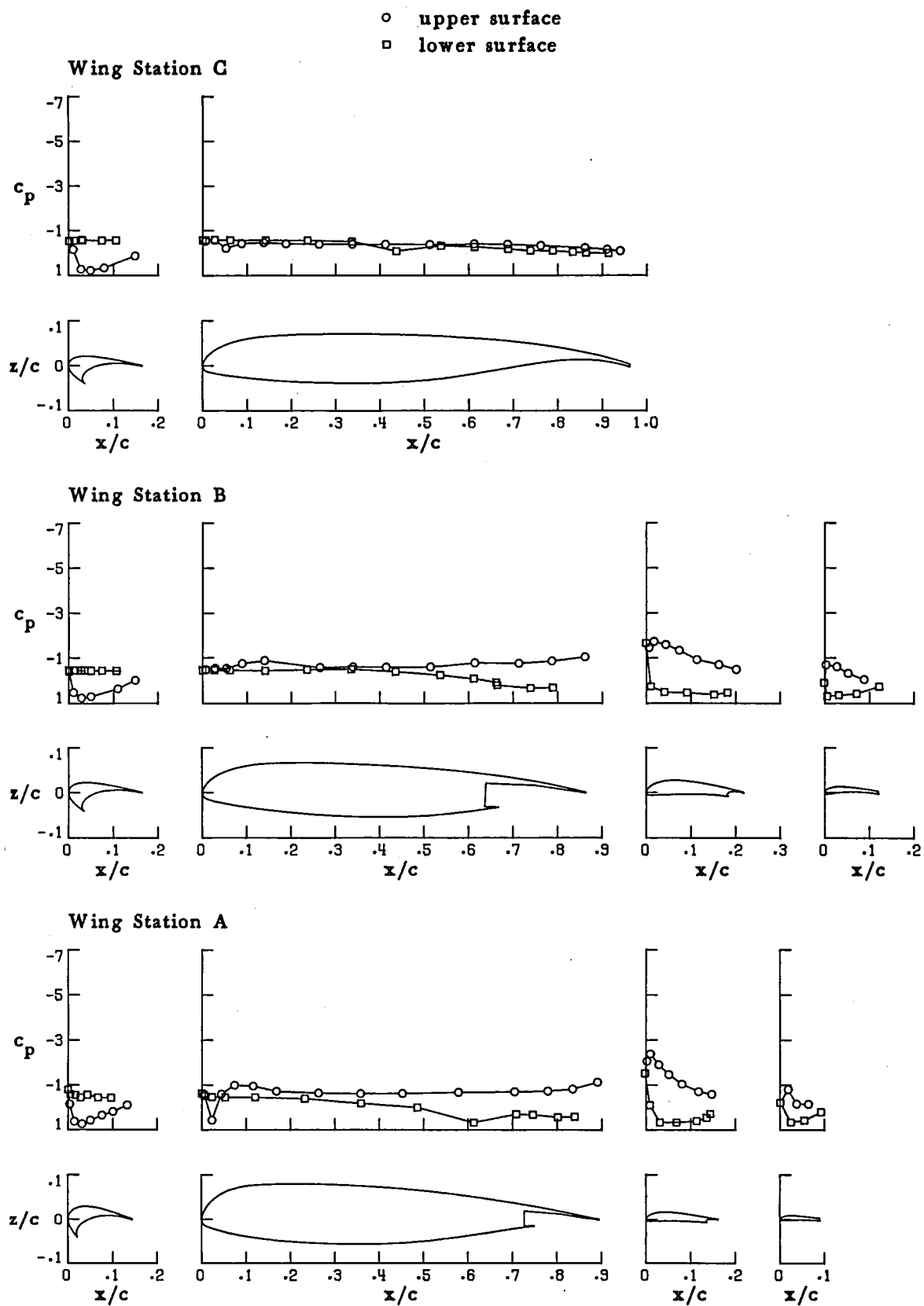


### Wing Station A



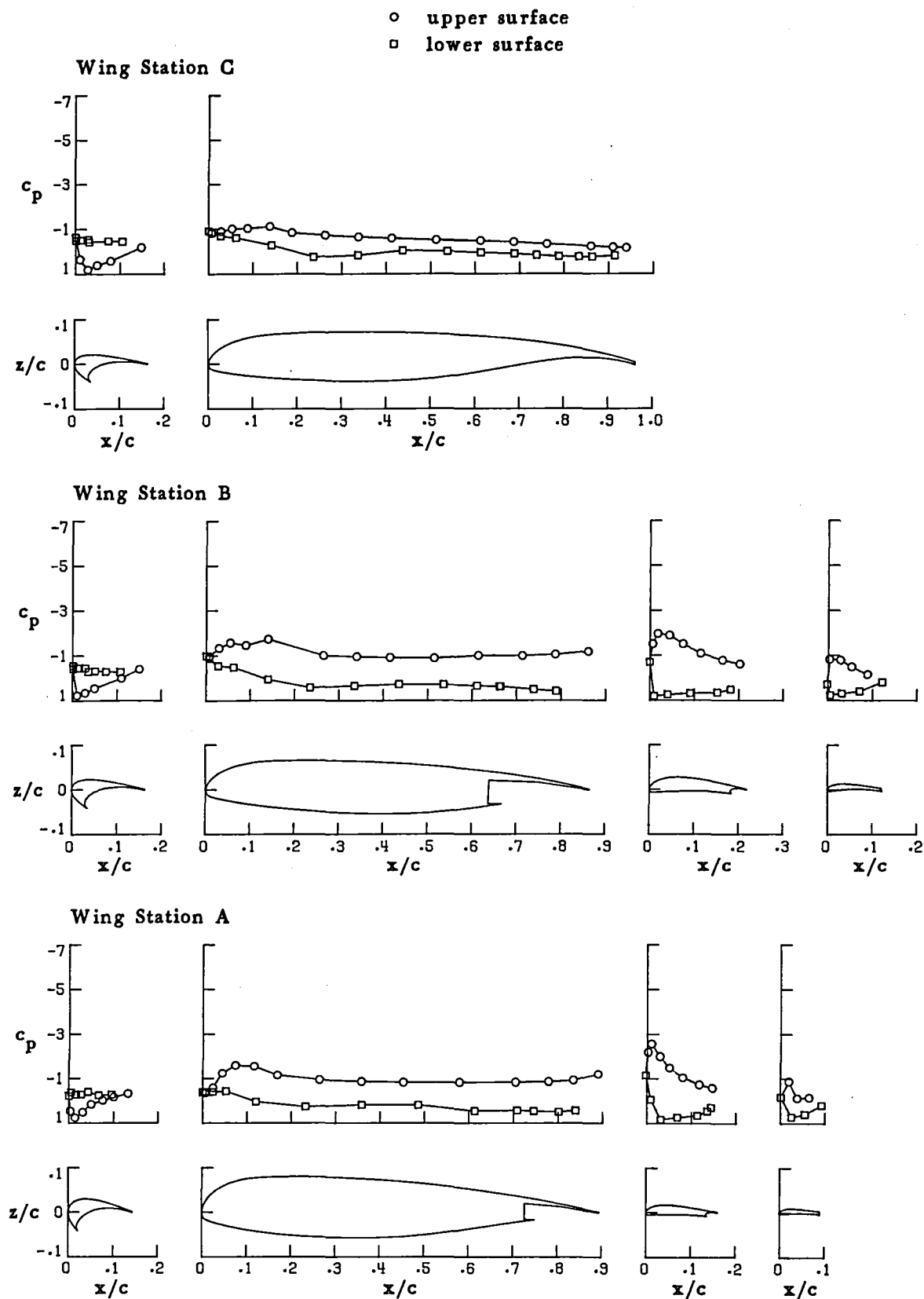
(j)  $\alpha = 28.529^\circ$

Figure 21.-Concluded.



(a)  $\alpha = -3.859^\circ$

Figure 22. - Pressure distributions for aspect-ratio-10,  $45^\circ$  landing flap wing configuration with  $-40^\circ$  deflection of inboard slat. (Run 36)

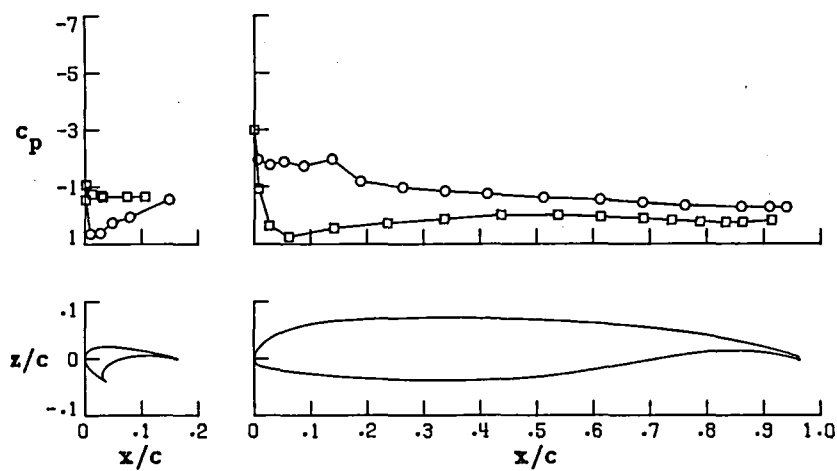


(b)  $\alpha = .239^\circ$

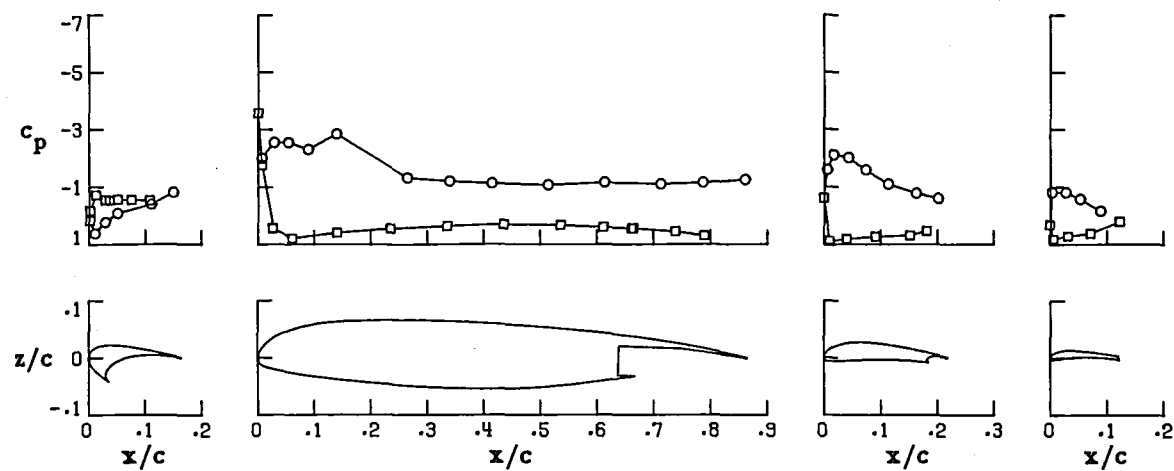
Figure 22.-Continued.

○ upper surface  
□ lower surface

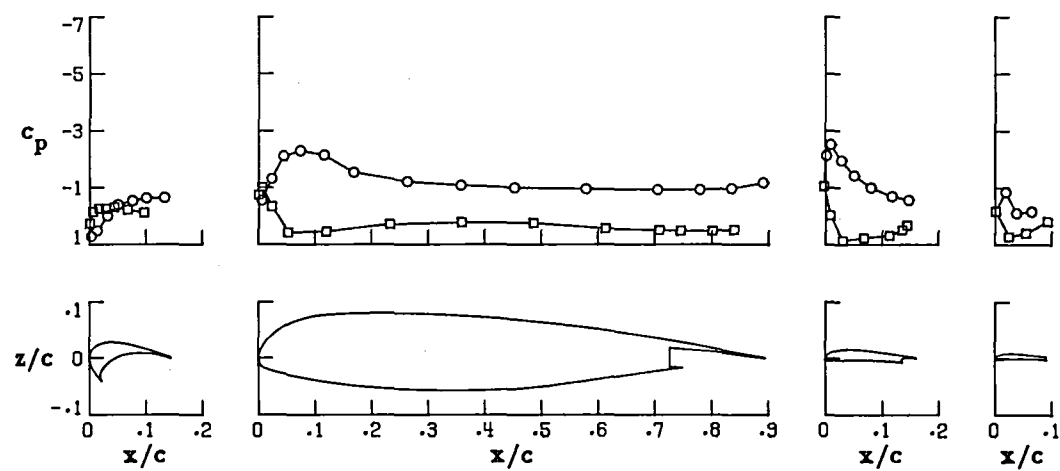
### Wing Station C



### Wing Station B

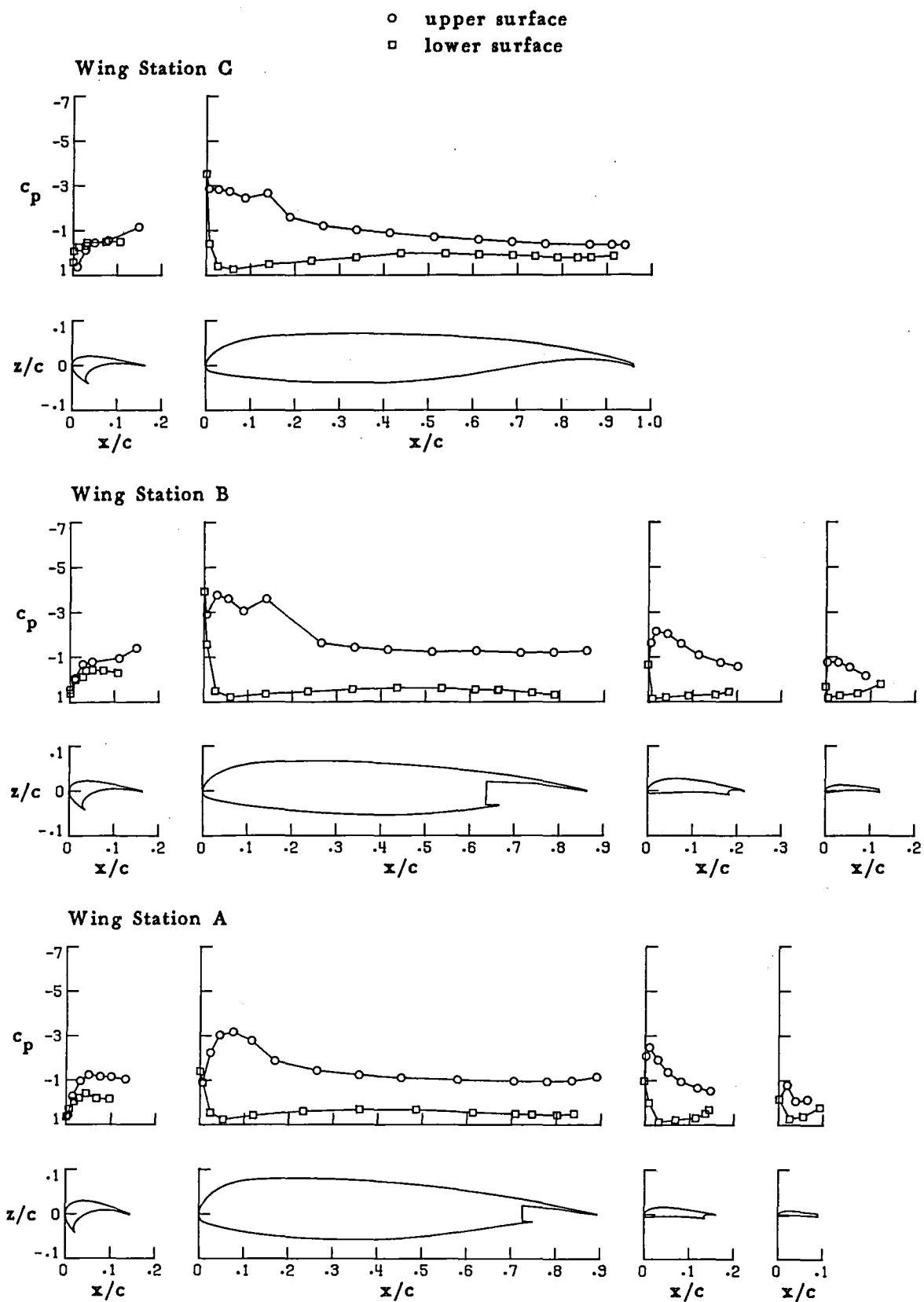


### Wing Station A



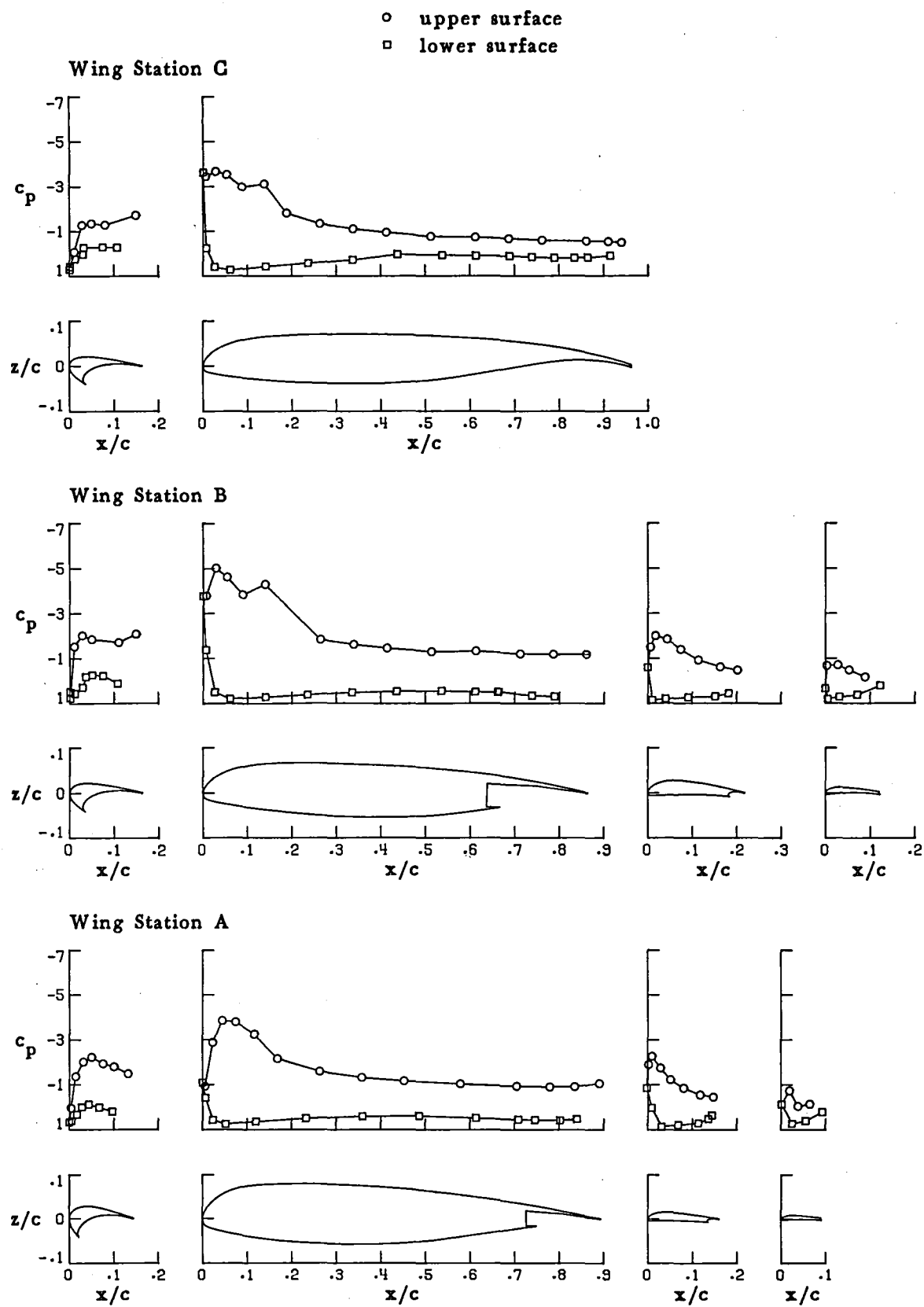
(c)  $\alpha = 4.286^\circ$

Figure 22.-Continued.



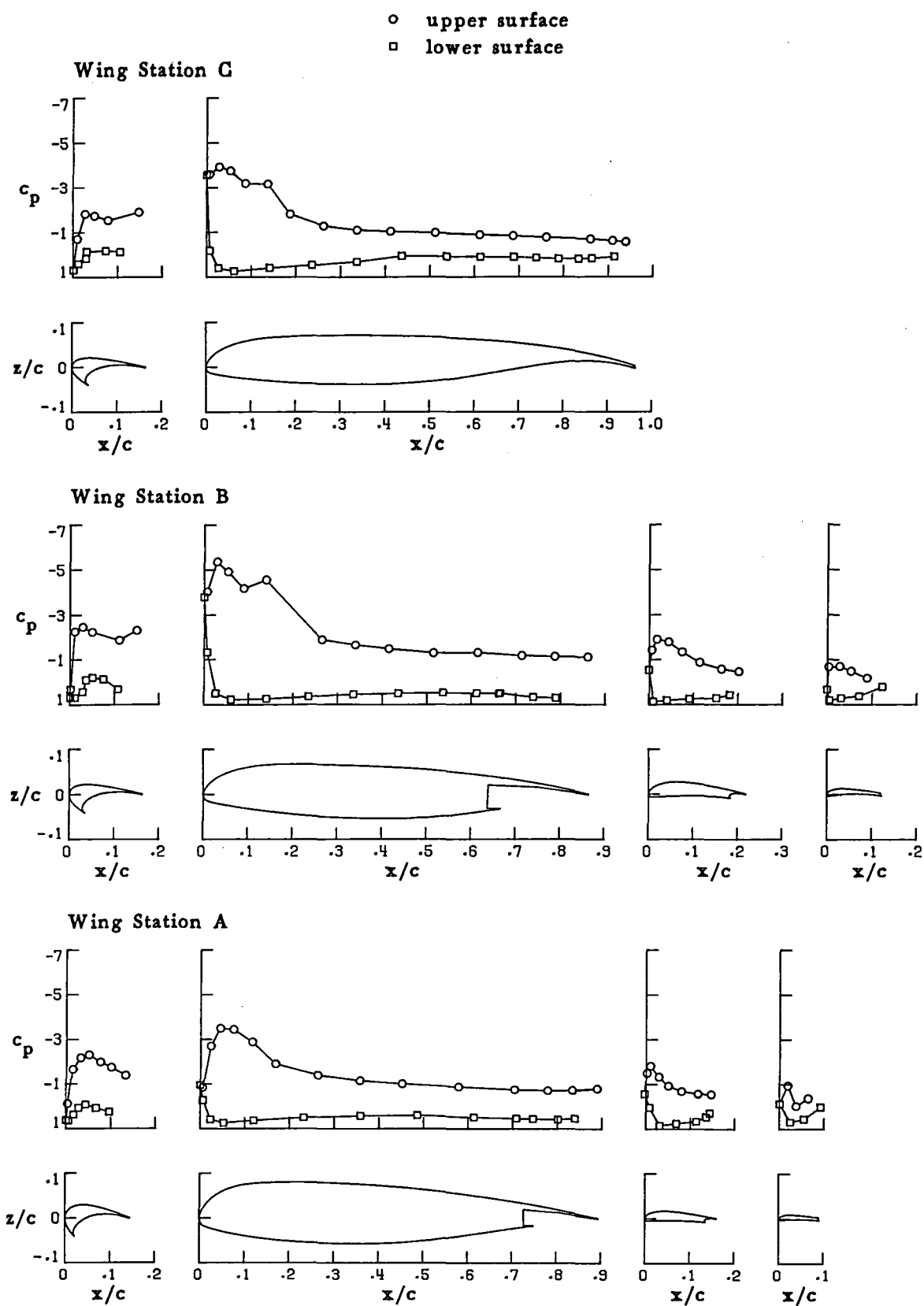
(d)  $\alpha = 8.402^\circ$

Figure 22.-Continued.



(e)  $\alpha = 12.463^\circ$

Figure 22.-Continued.

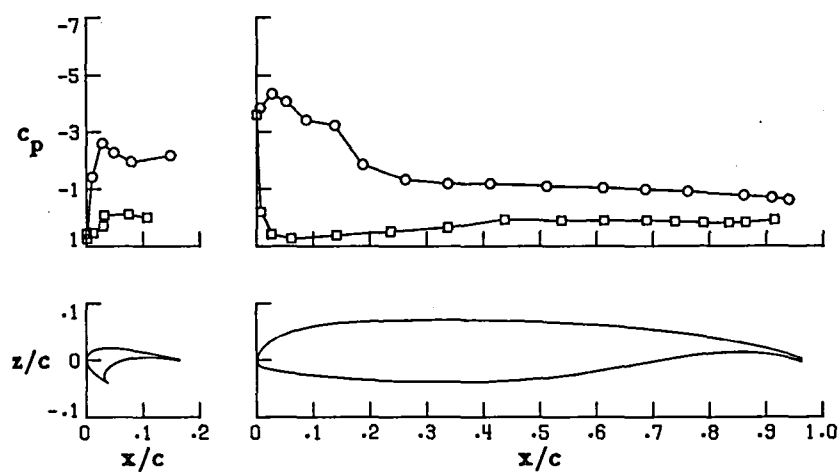


(f)  $\alpha = 14.497^\circ$

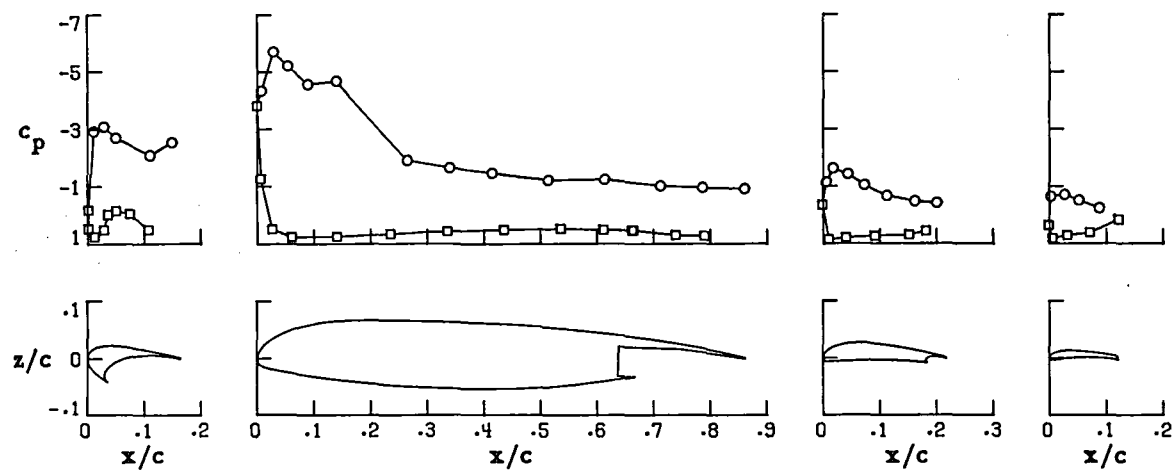
Figure 22.-Continued.

○ upper surface  
□ lower surface

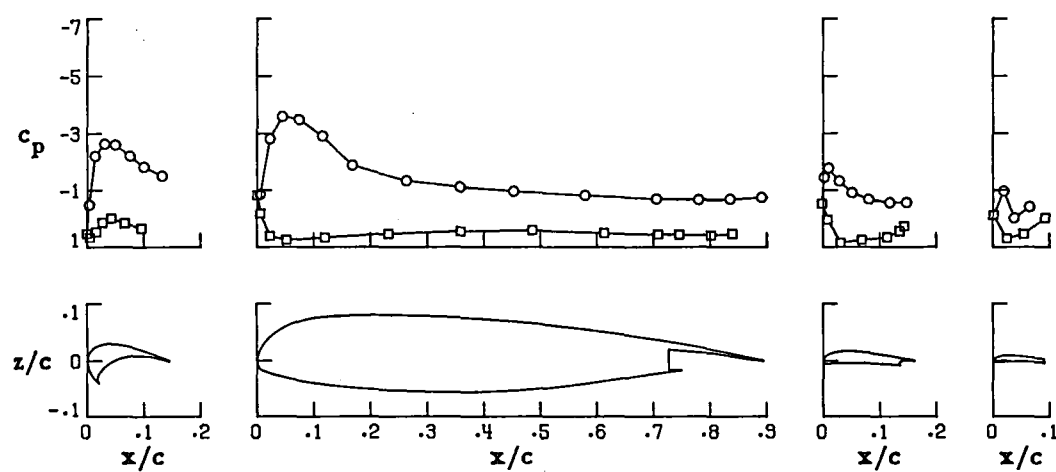
### Wing Station C



### Wing Station B



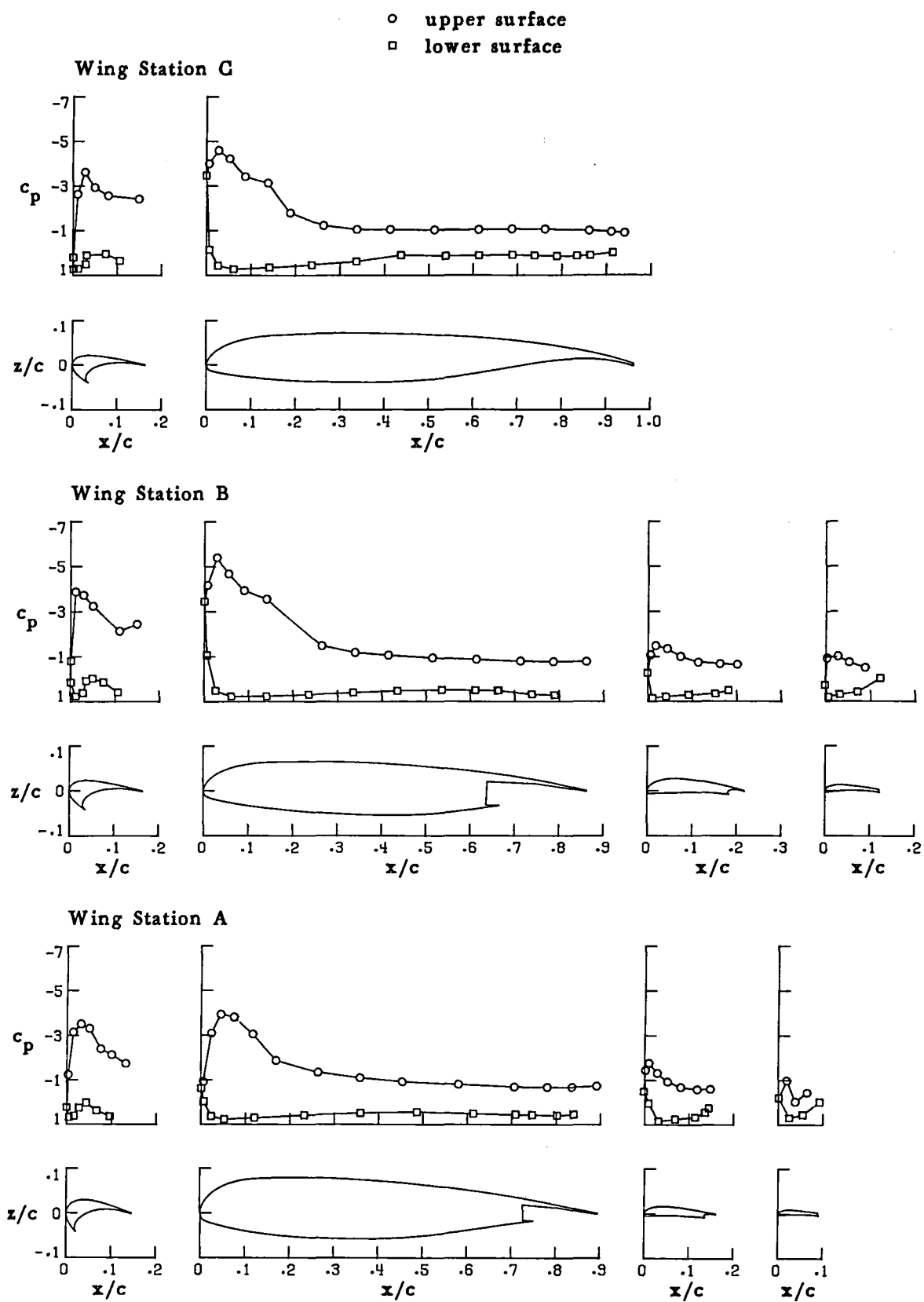
### Wing Station A



(g)  $\alpha = 16.476^\circ$

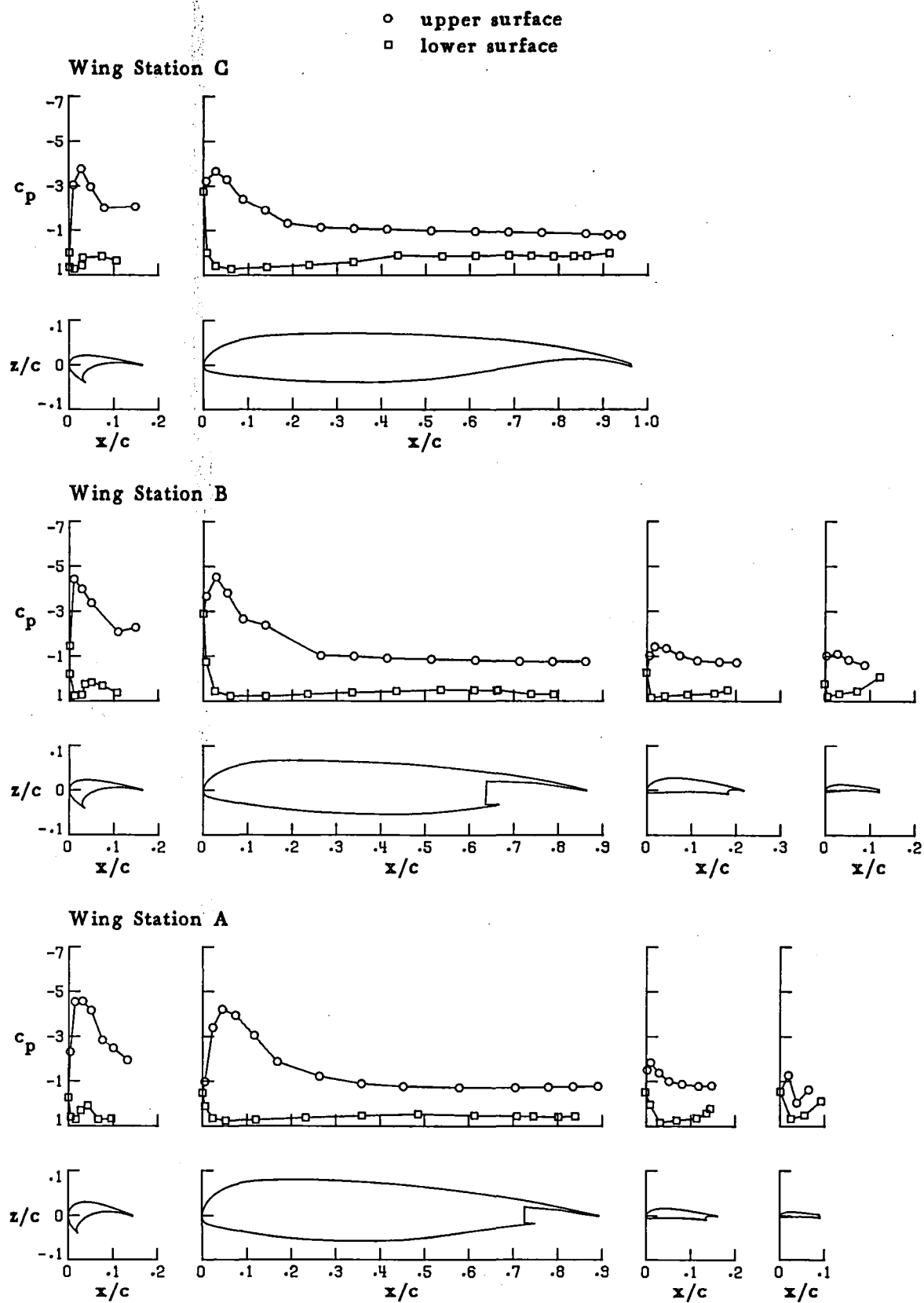
Figure 22.-Continued.





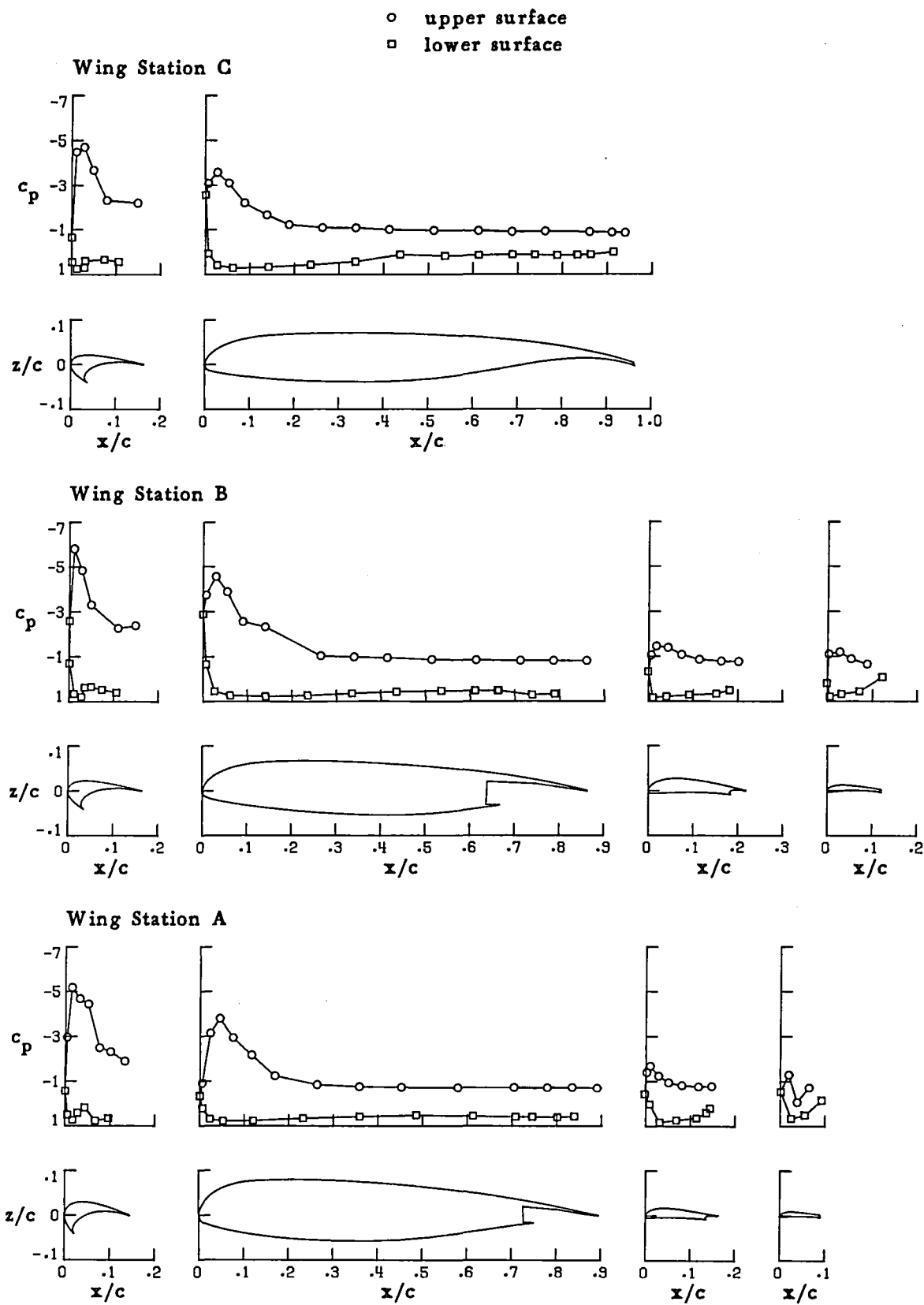
(h)  $\alpha = 20.530^\circ$

Figure 22.-Continued.



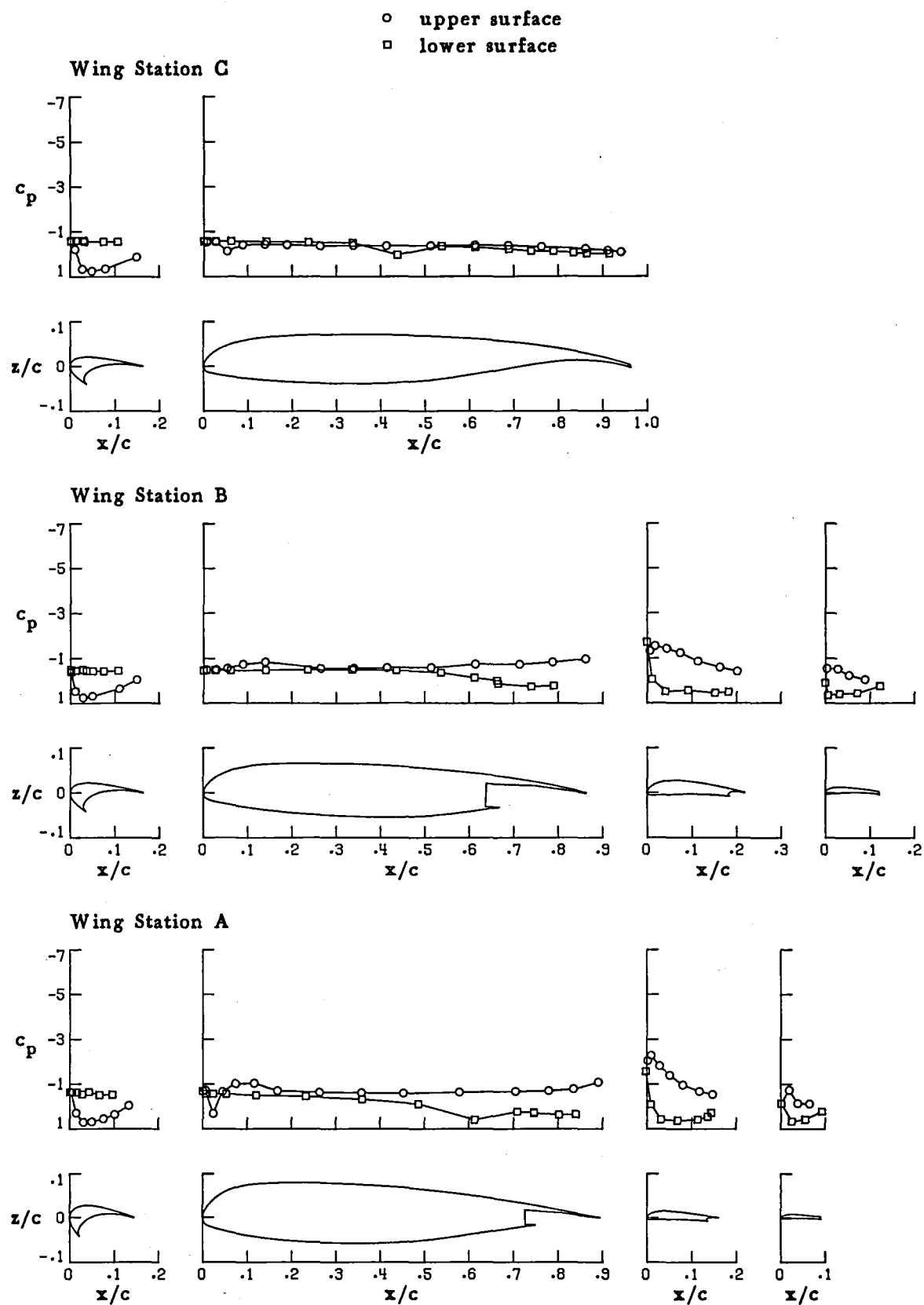
(i)  $\alpha = 24.507^\circ$

Figure 22.-Continued.



(j)  $\alpha = 28.535^\circ$

Figure 22.-Concluded.

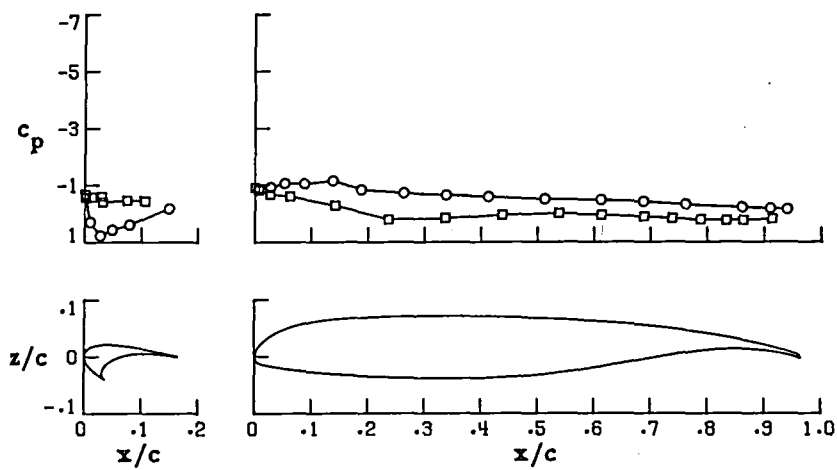


(a)  $\alpha = -8.905^\circ$

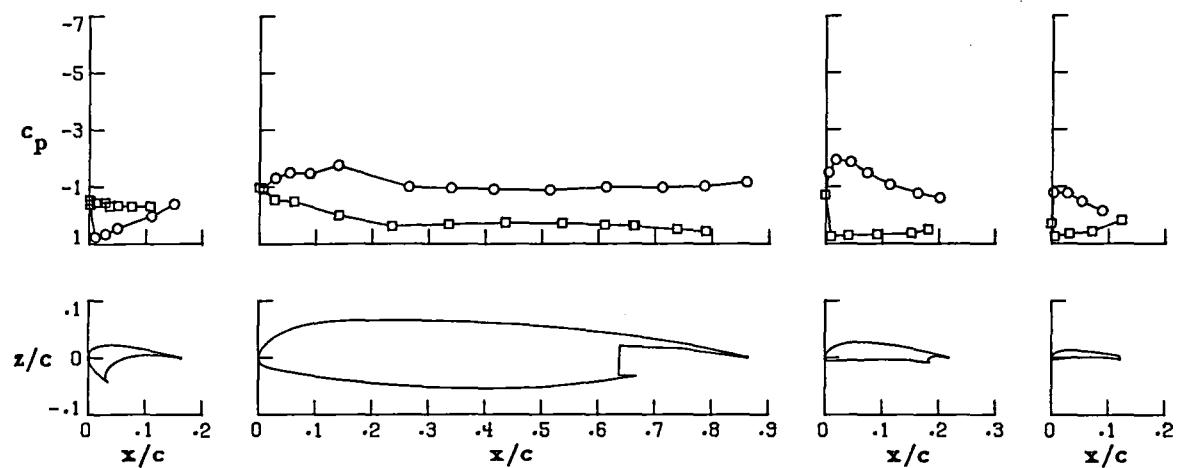
Figure 23. - Pressure distributions for aspect-ratio-10,  $45^\circ$  landing flap wing configuration with  $-50^\circ$  deflection of inboard slat. (Run 37)

○ upper surface  
□ lower surface

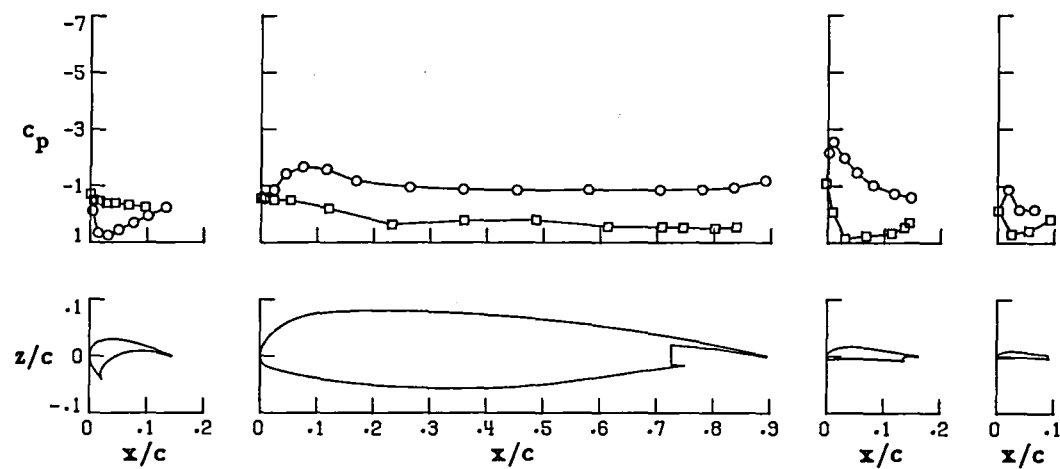
### Wing Station C



### Wing Station B



### Wing Station A

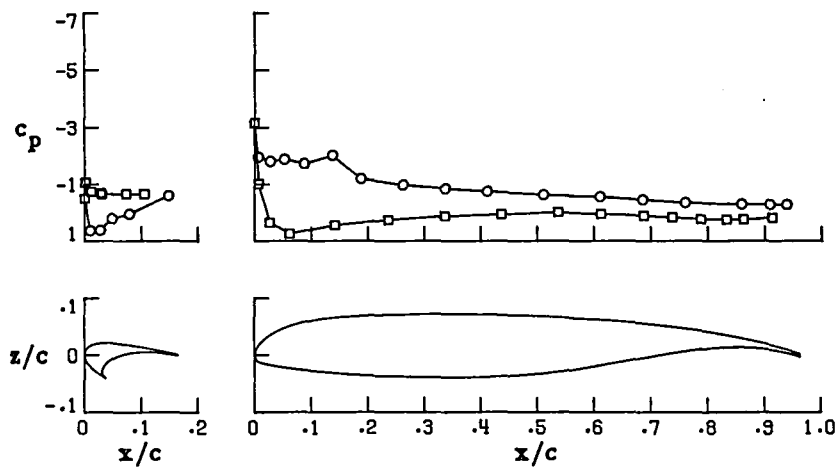


(b)  $\alpha = .201^\circ$

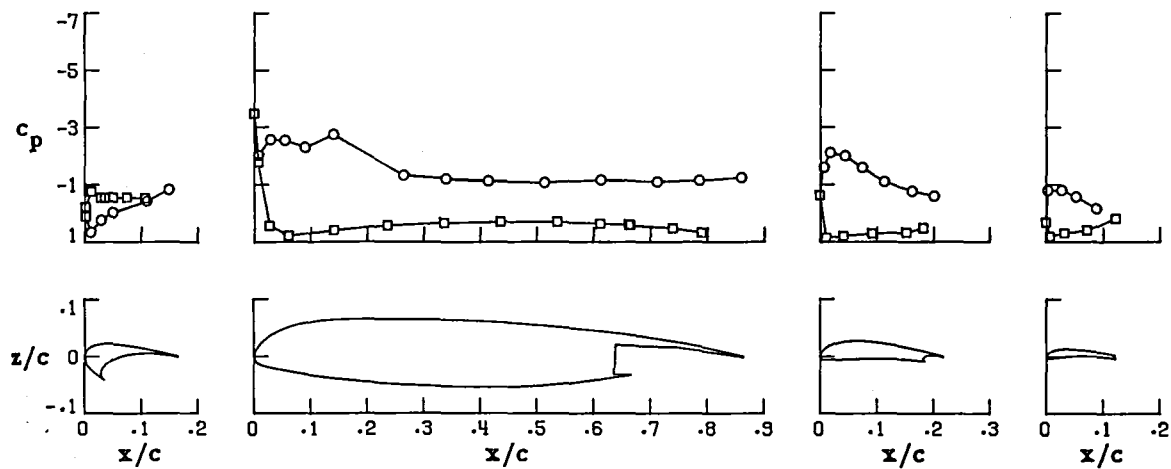
Figure 23.-Continued.

○ upper surface  
□ lower surface

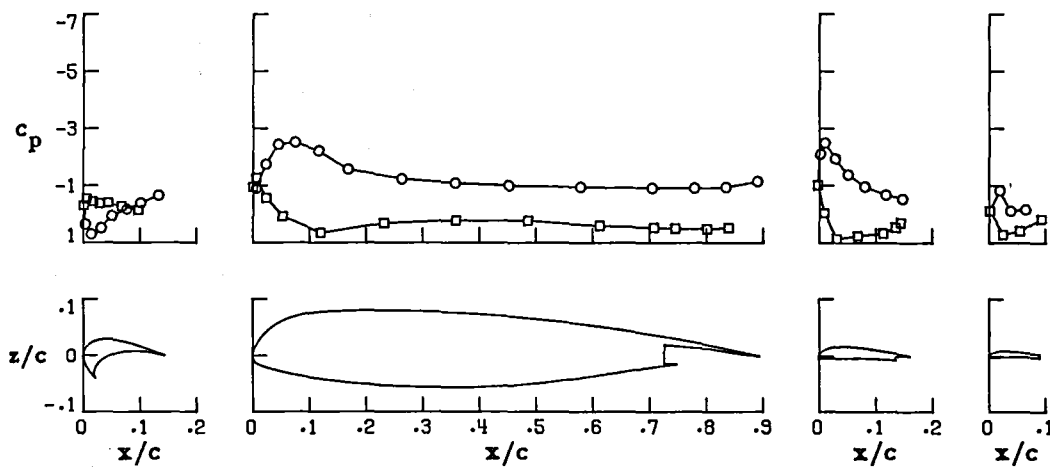
### Wing Station C



### Wing Station B

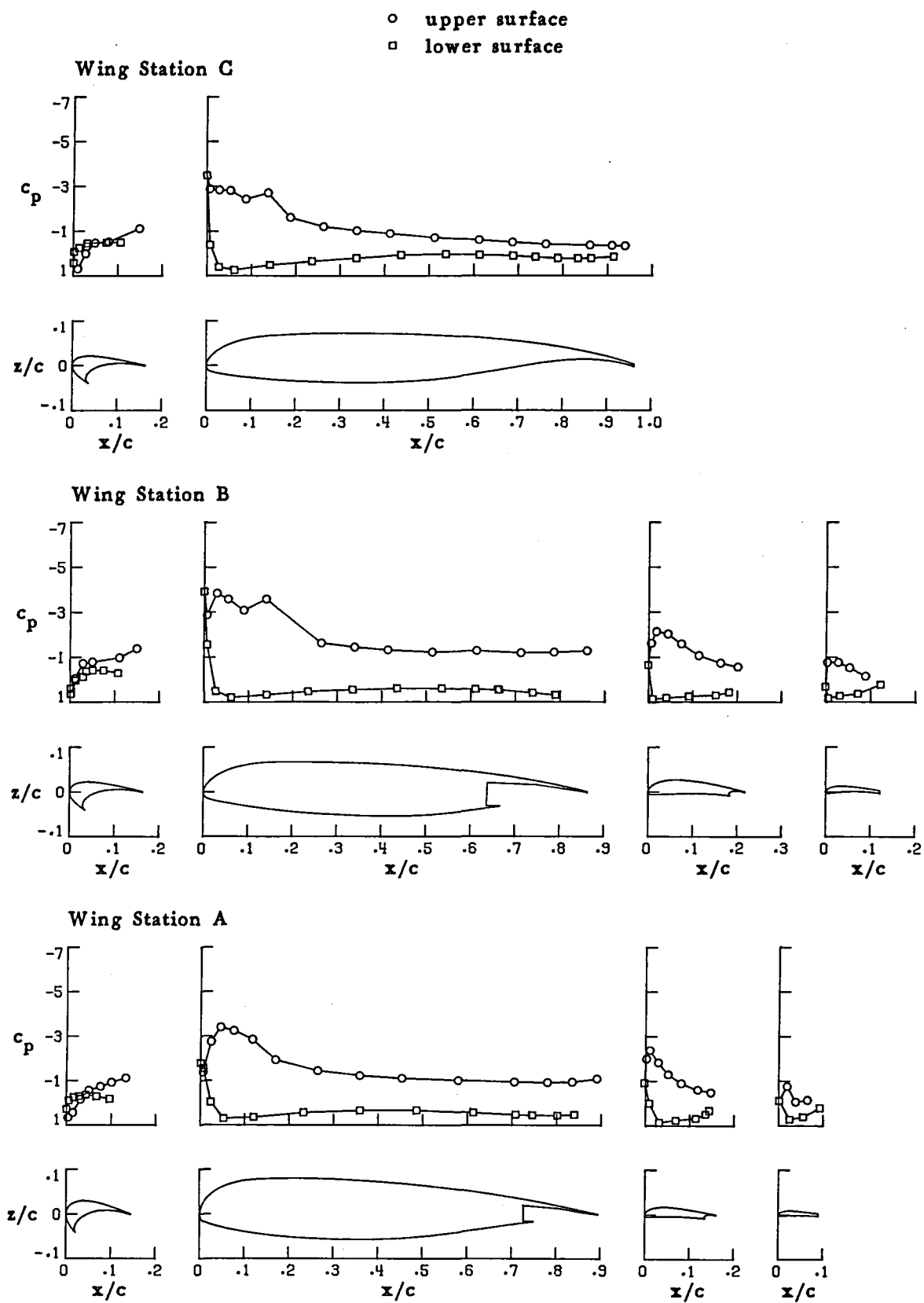


### Wing Station A



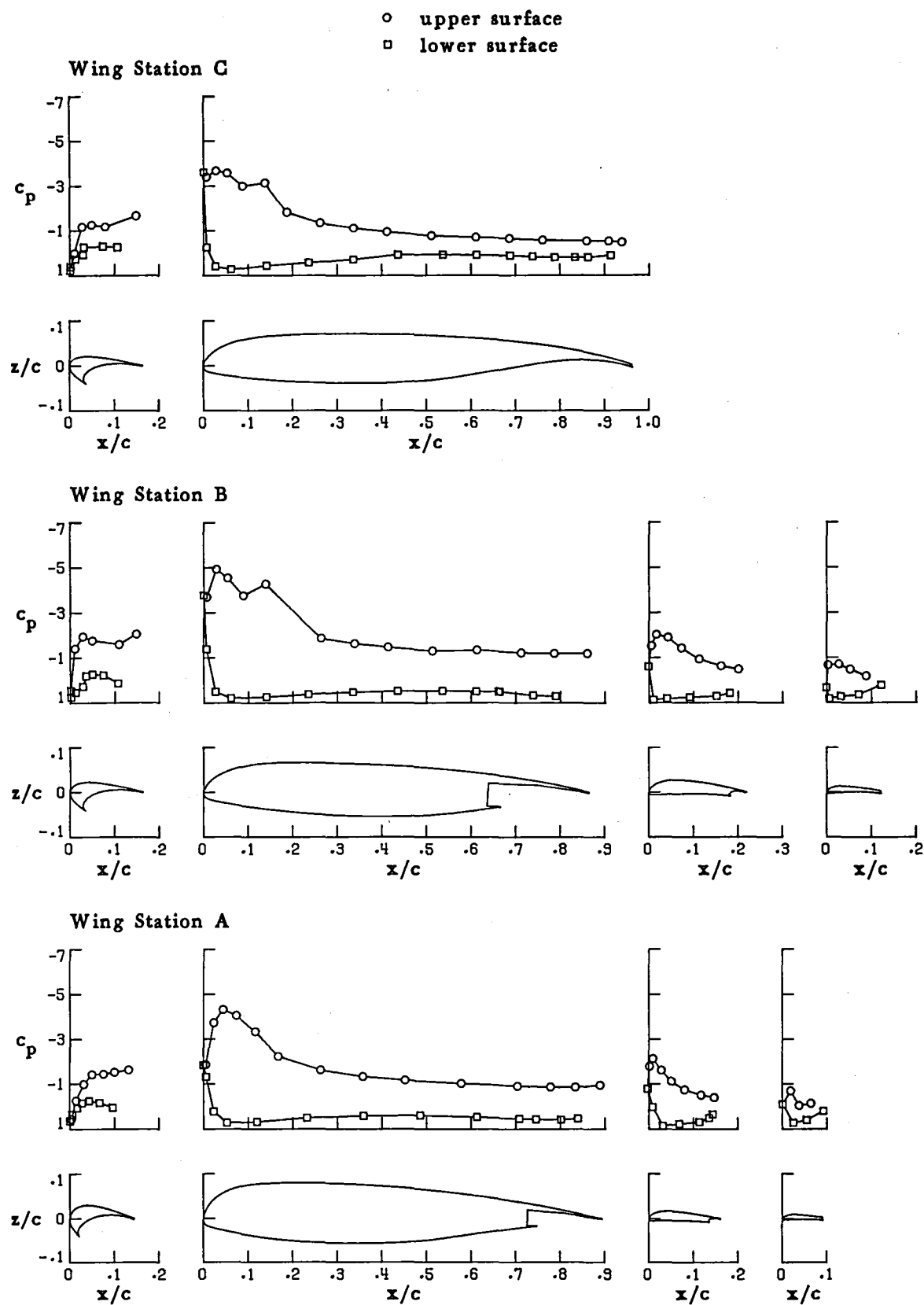
(c)  $\alpha = 4.284^\circ$

Figure 23.-Continued.



(d)  $\alpha = 8.947^\circ$

Figure 23.-Continued.



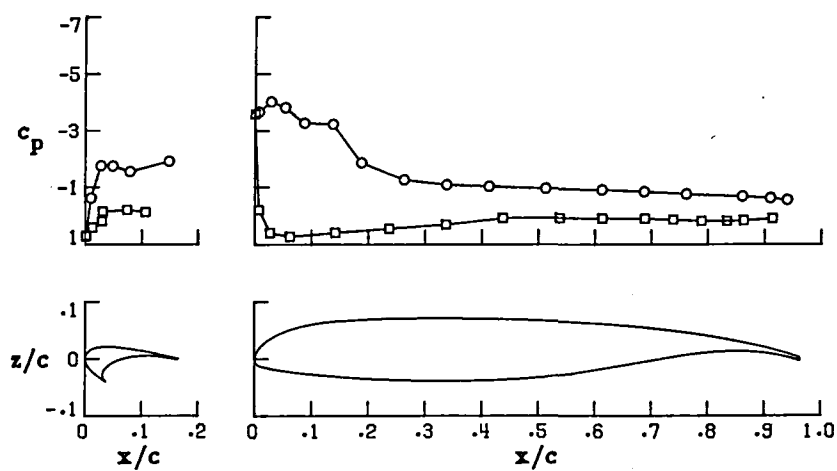
(e)  $\alpha = 12.364^\circ$

Figure 23.-Continued.

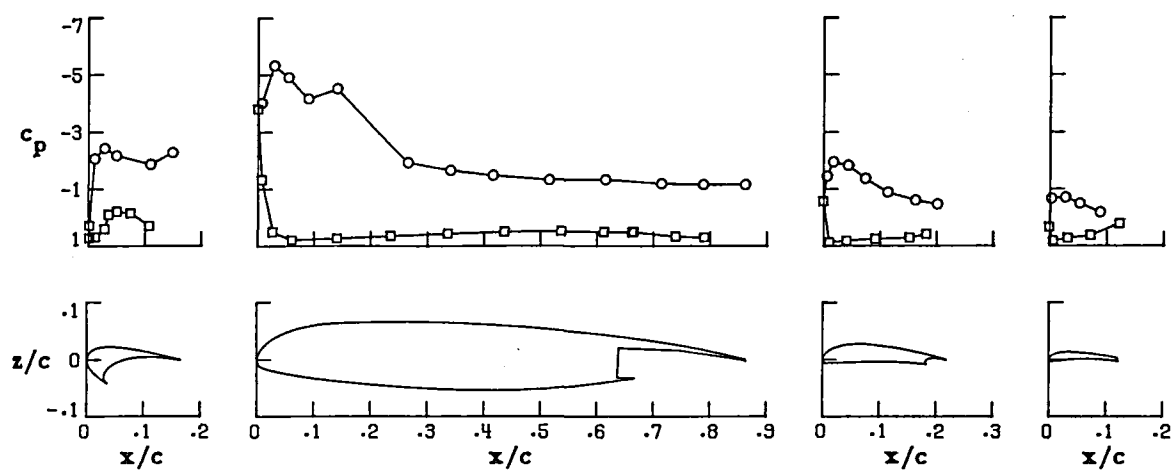


○ upper surface  
□ lower surface

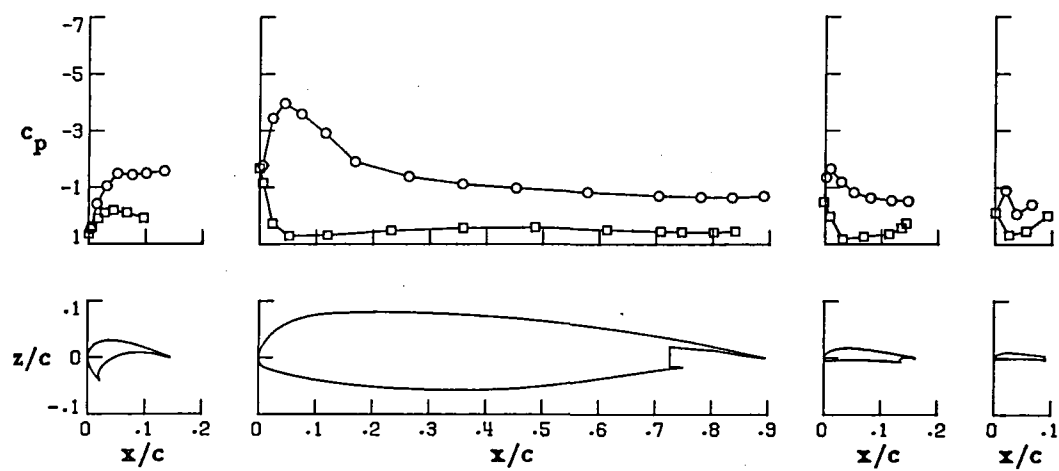
### Wing Station C



### Wing Station B



### Wing Station A

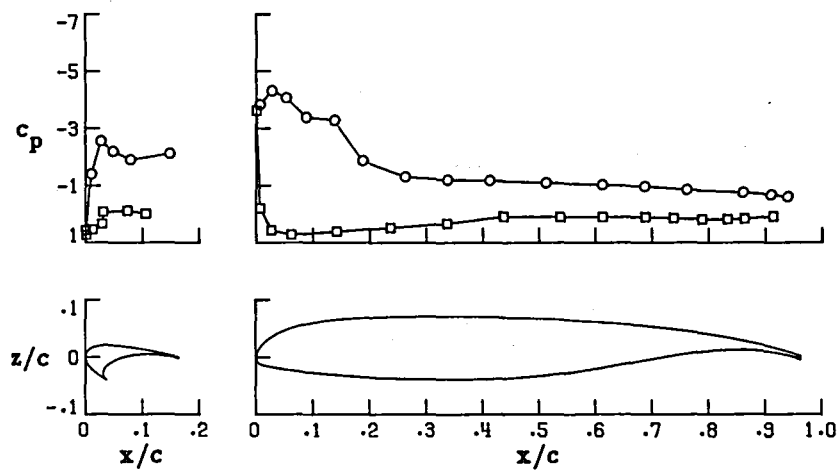


(f)  $\alpha = 14.412^\circ$

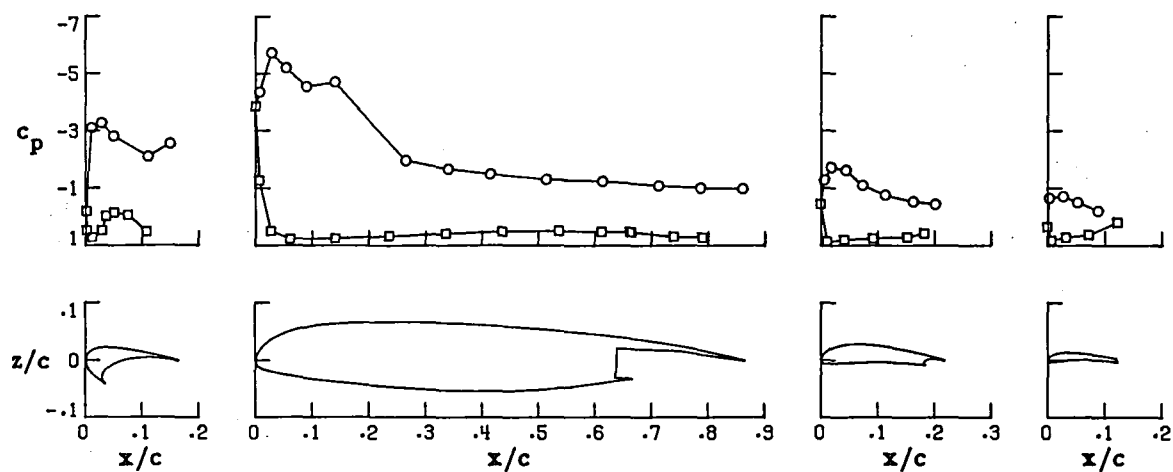
Figure 23.-Continued.

○ upper surface  
□ lower surface

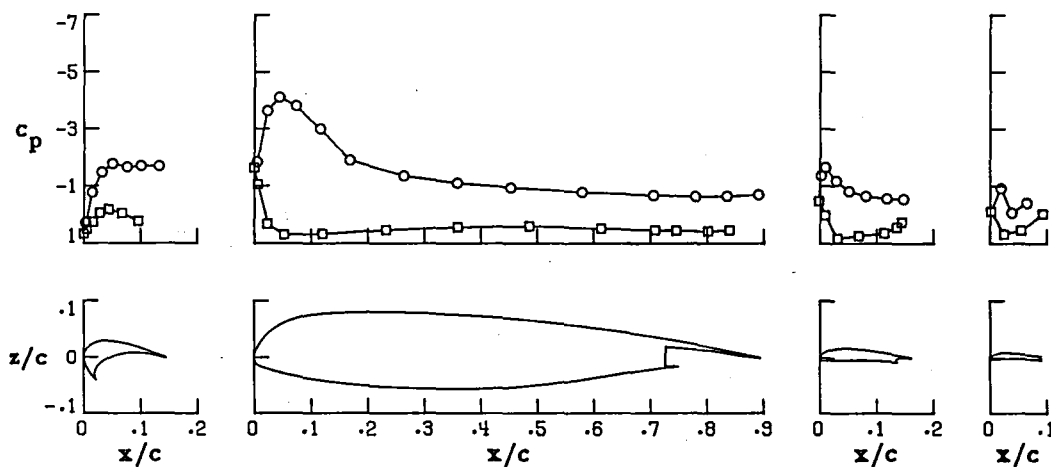
### Wing Station C



### Wing Station B



### Wing Station A

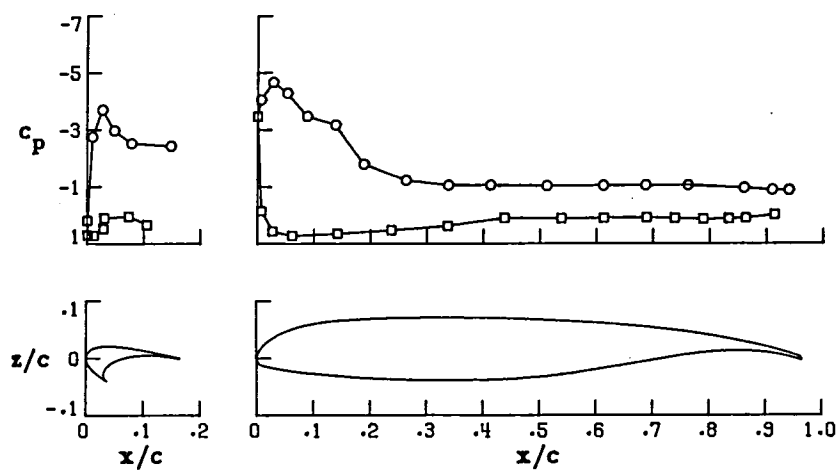


(g)  $\alpha = 16.455^\circ$

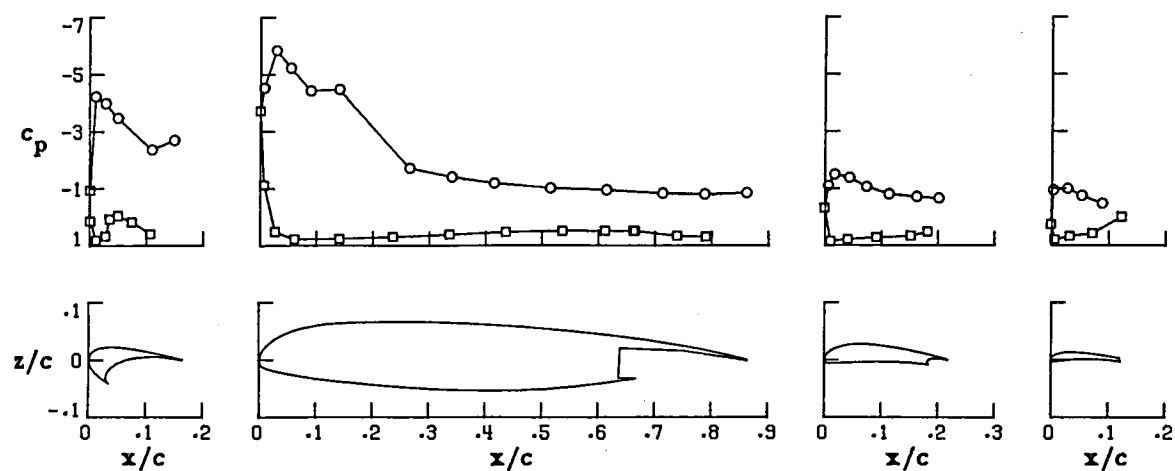
Figure 23.-Continued.

○ upper surface  
□ lower surface

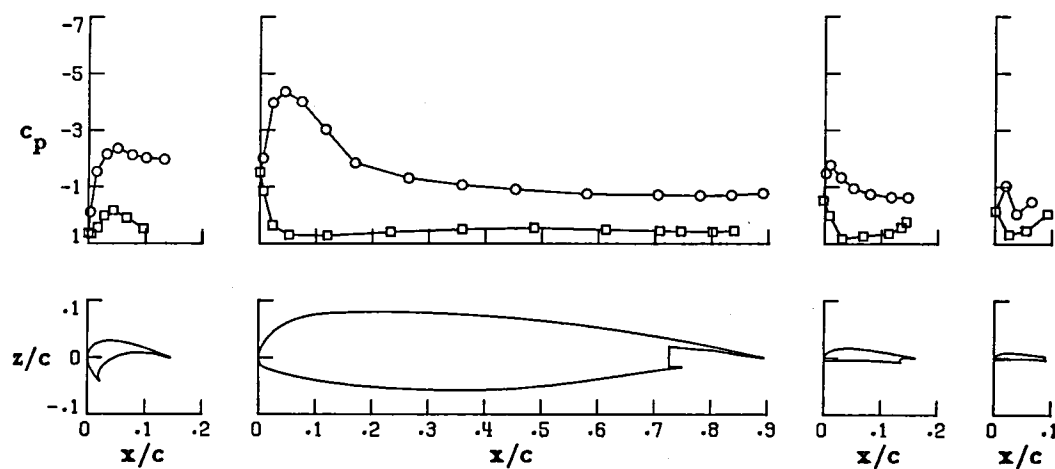
### Wing Station C



### Wing Station B



### Wing Station A

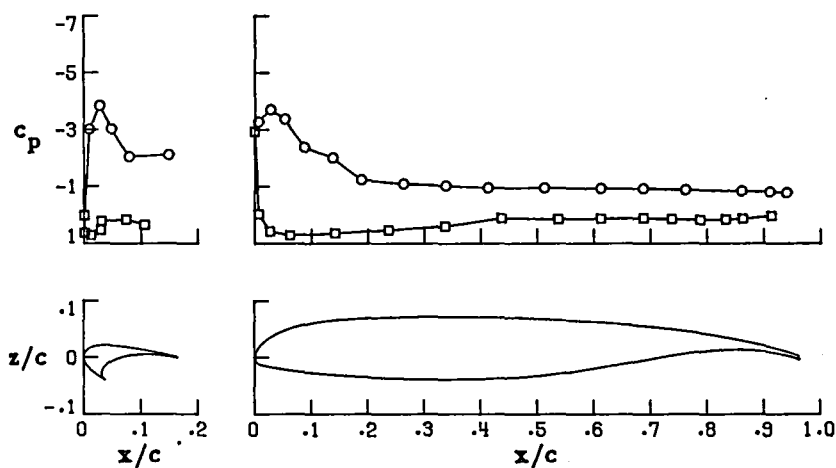


(h)  $\alpha = 20.496^\circ$

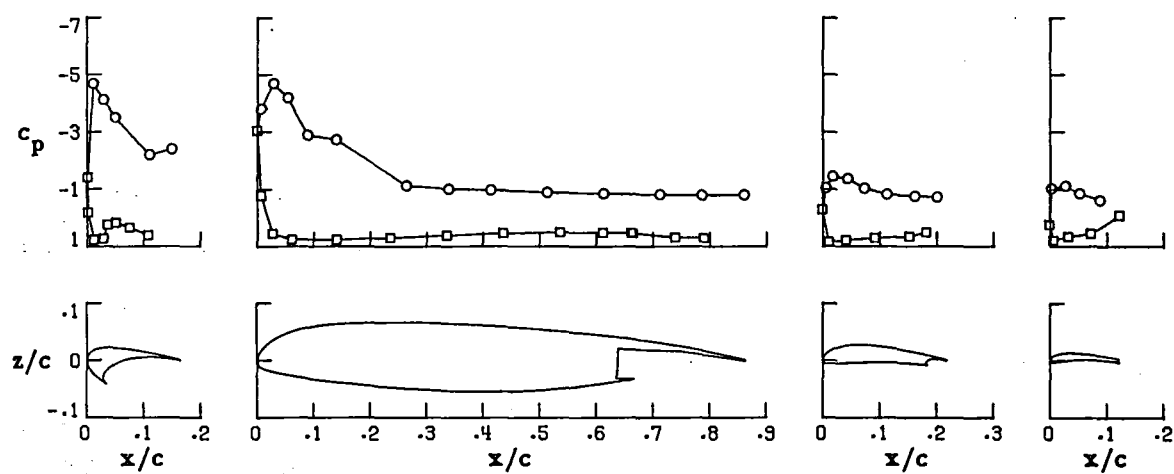
Figure 23.-Continued.

○ upper surface  
□ lower surface

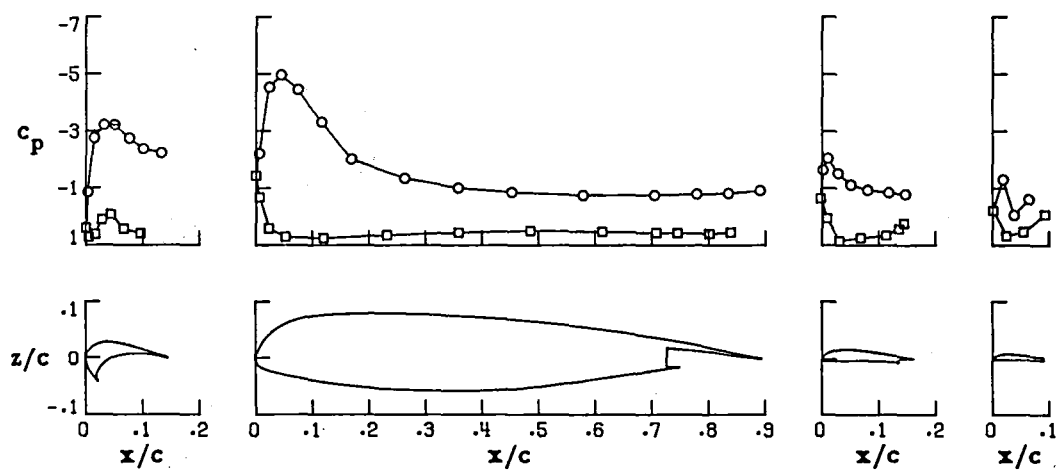
### Wing Station C



### Wing Station B



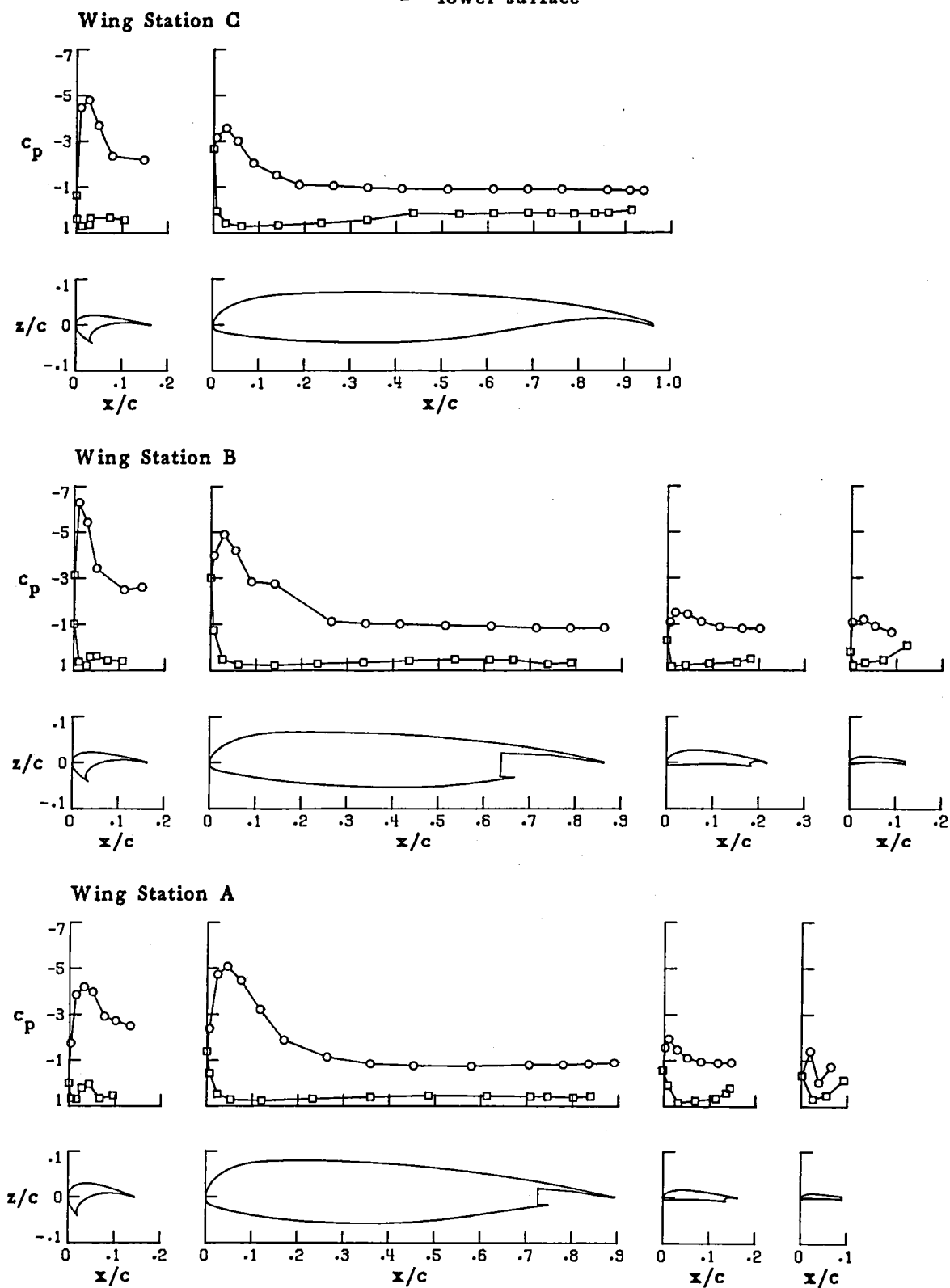
### Wing Station A



(i)  $\alpha = 24.523^\circ$

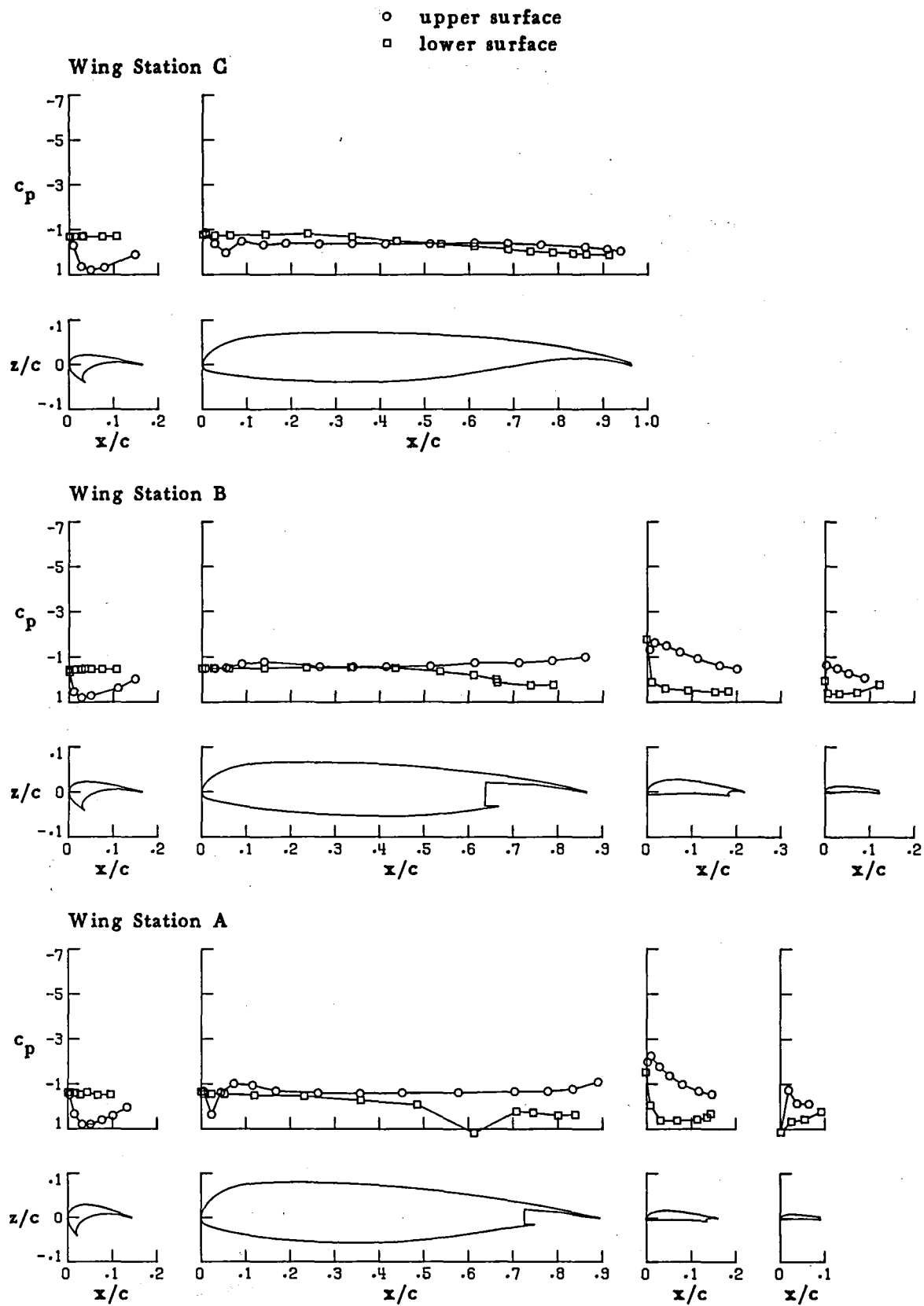
Figure 28.-Continued.

○ upper surface  
□ lower surface



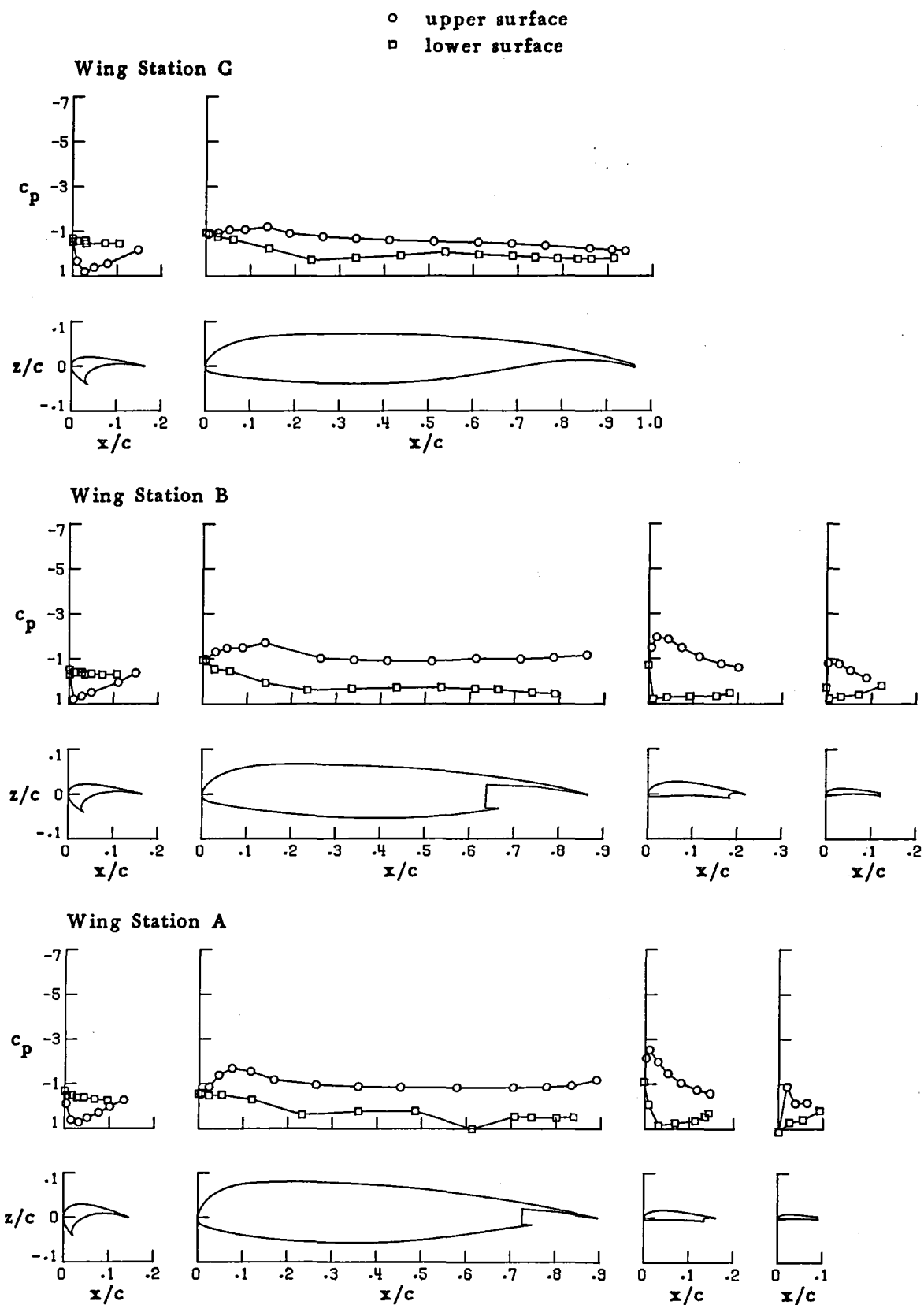
(j)  $\alpha = 28.550^\circ$

Figure 23.-Concluded.



(a)  $\alpha = -3.900^\circ$

Figure 24. - Pressure distributions for aspect-ratio-12,  $45^\circ$  landing flap wing configuration with  $-50^\circ$  deflection of inboard slat. (Run 46)

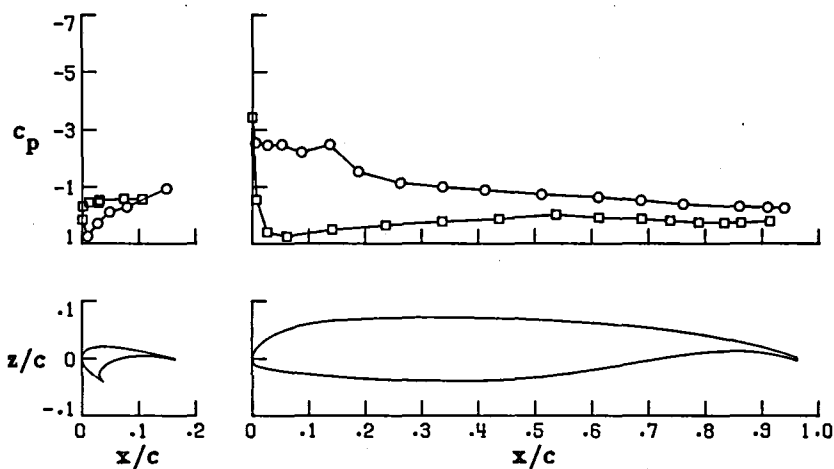


(b)  $\alpha = .204^\circ$

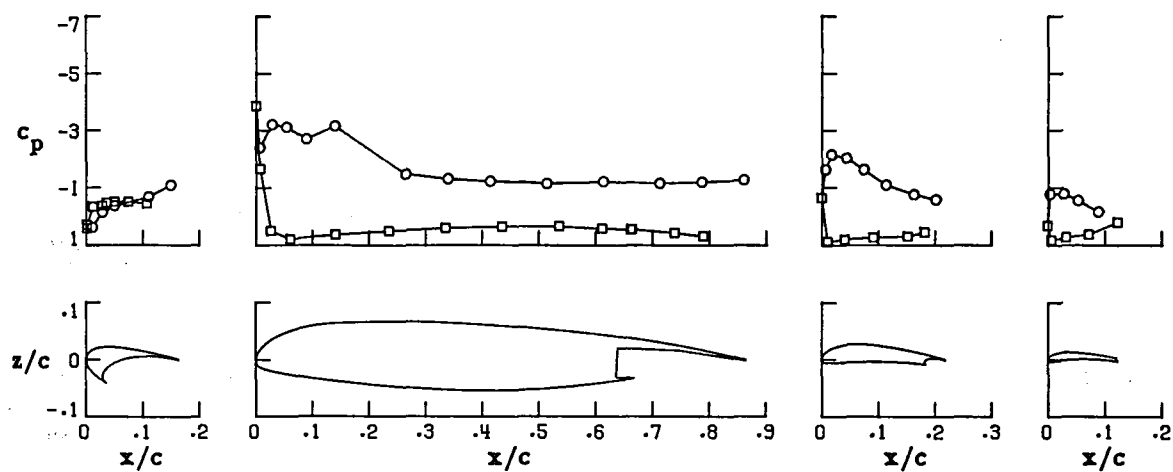
Figure 24.-Continued.

○ upper surface  
□ lower surface

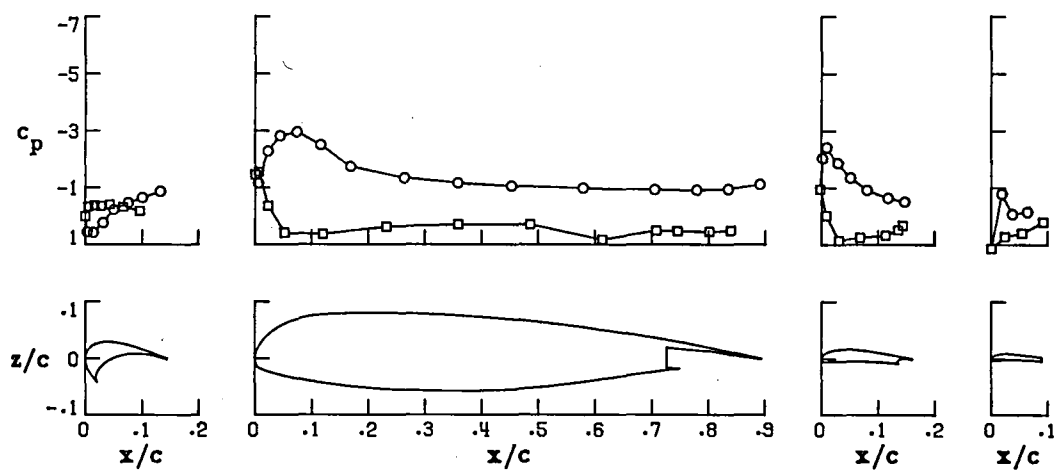
### Wing Station C



### Wing Station B



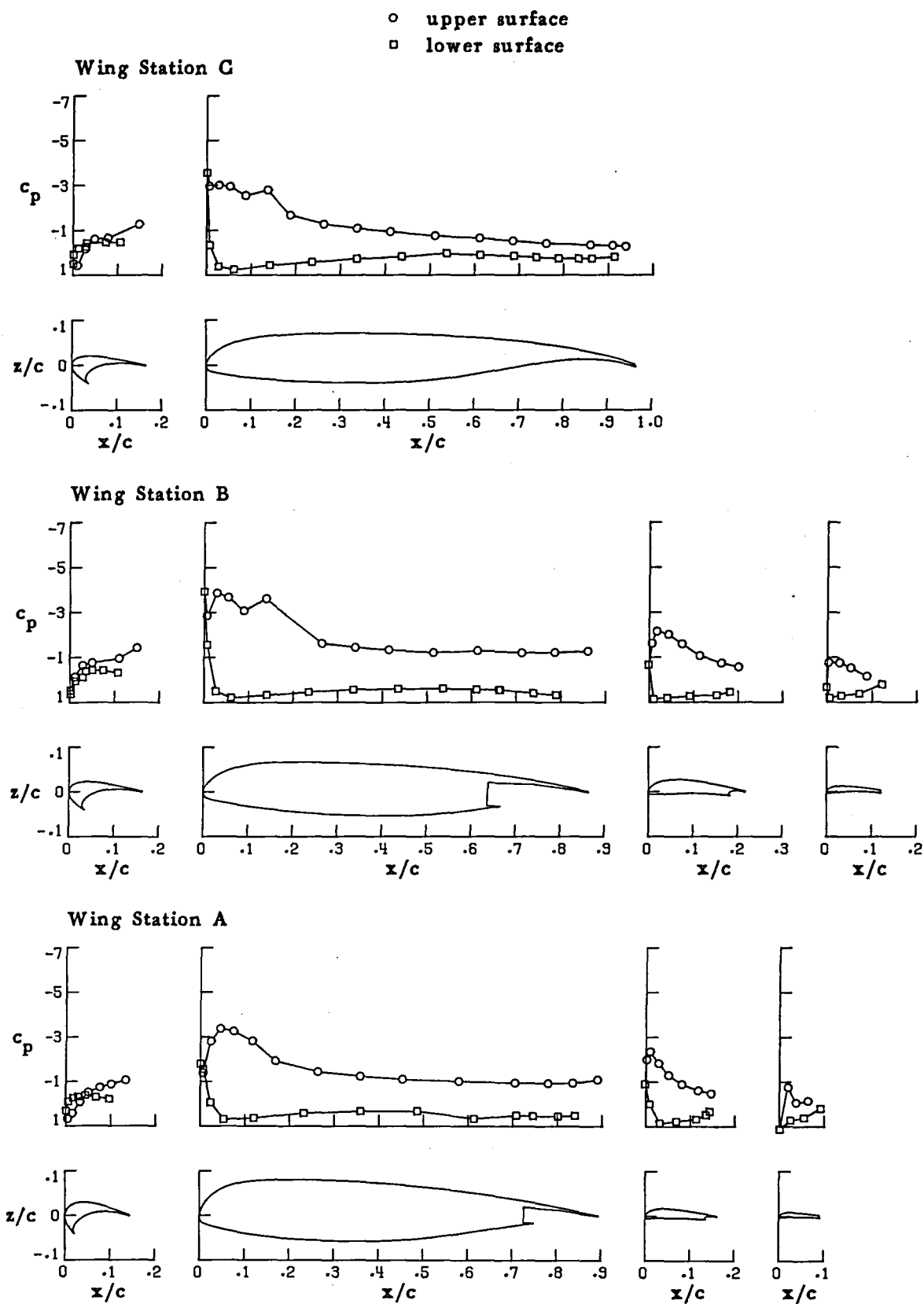
### Wing Station A



(c)  $\alpha = 6.246^\circ$

Figure 24.-Continued.



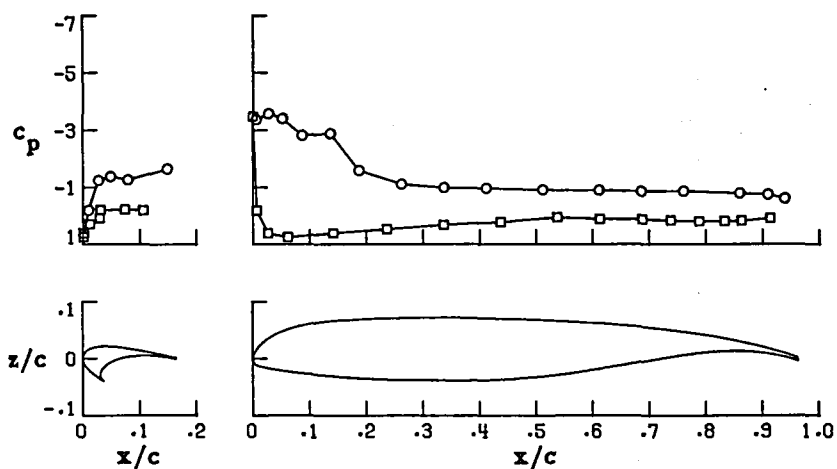


(d)  $\alpha = 8.271^\circ$

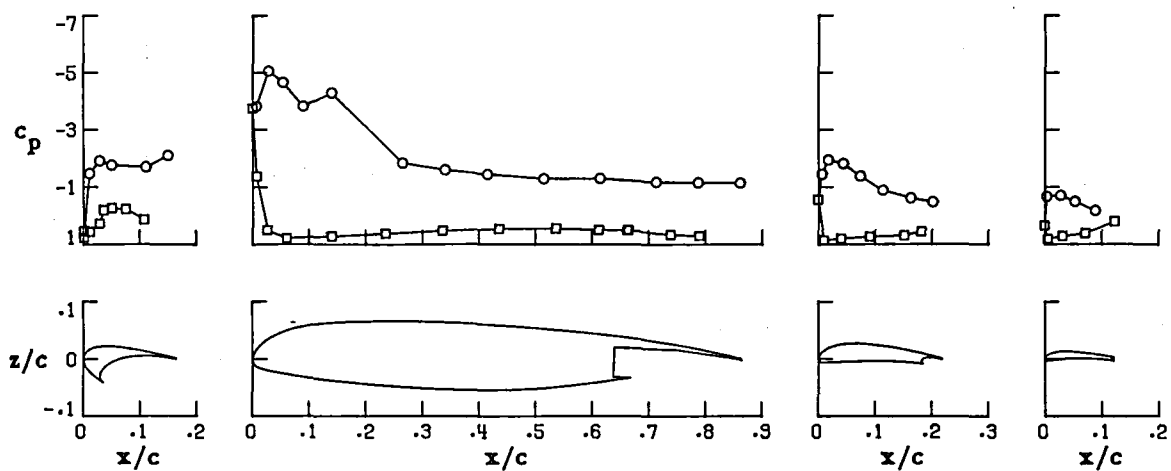
Figure 24.-Continued.

○ upper surface  
□ lower surface

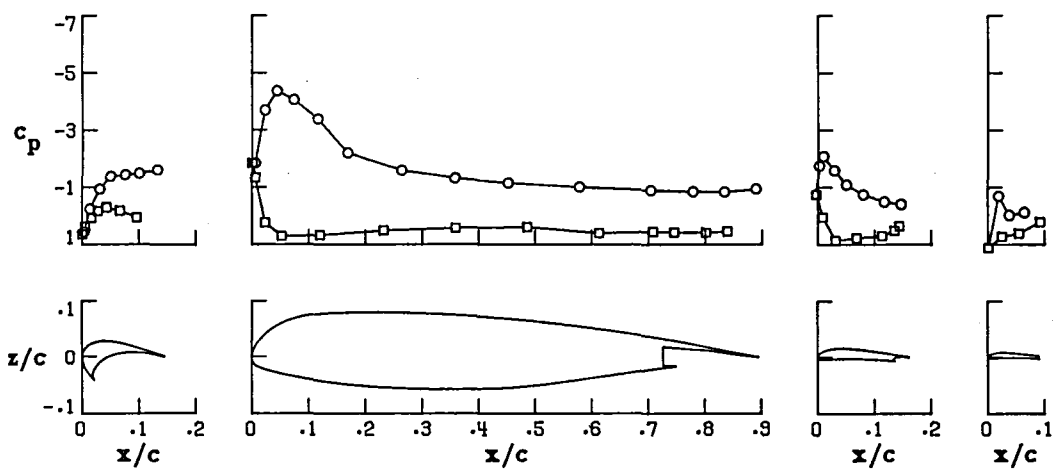
### Wing Station C



### Wing Station B

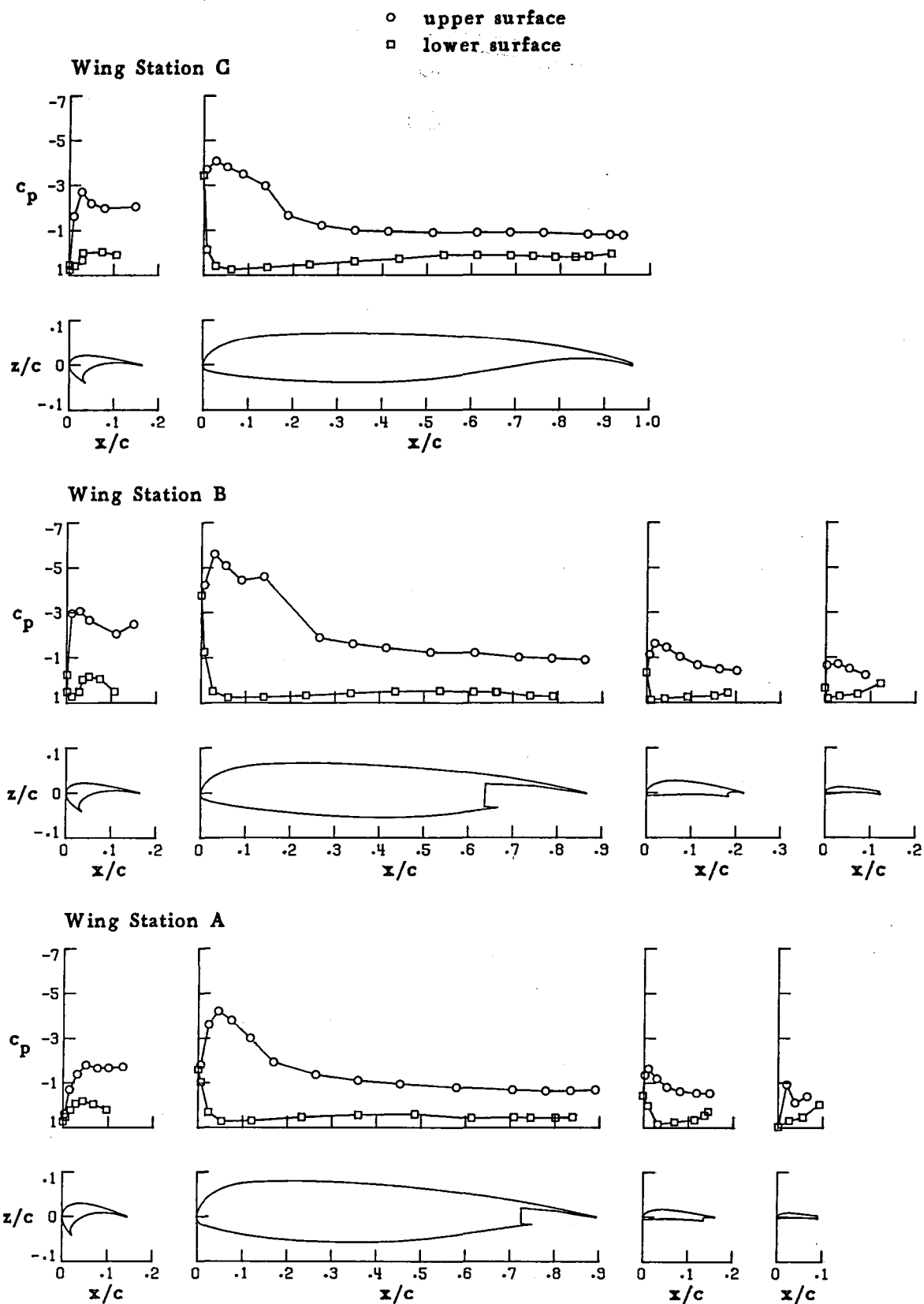


### Wing Station A



(e)  $\alpha = 12.419^\circ$

Figure 24-Continued.

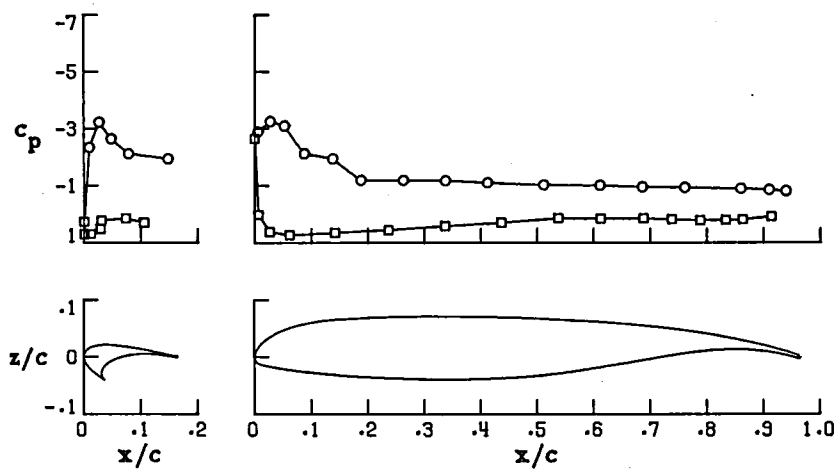


(f)  $\alpha = 16.465^\circ$

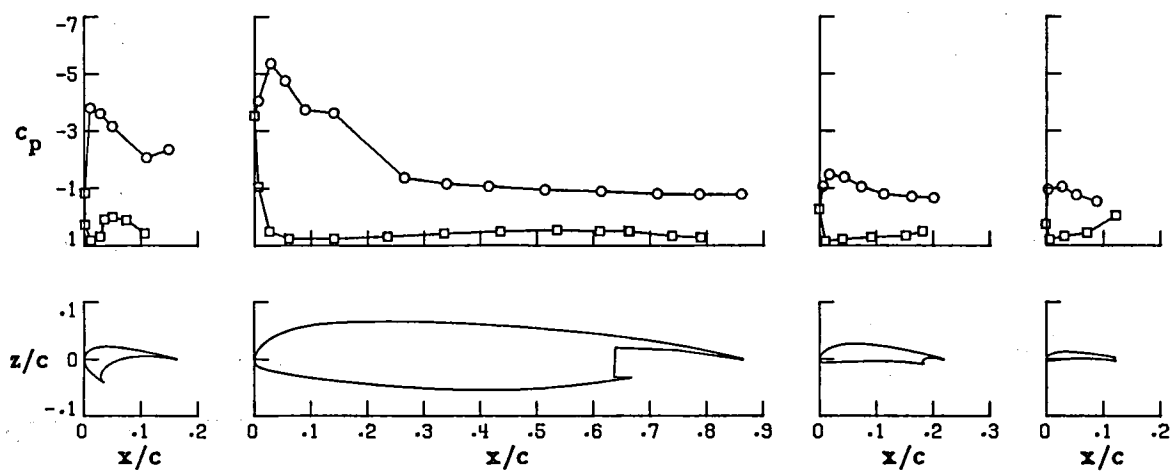
Figure 24. Continued.

○ upper surface  
□ lower surface

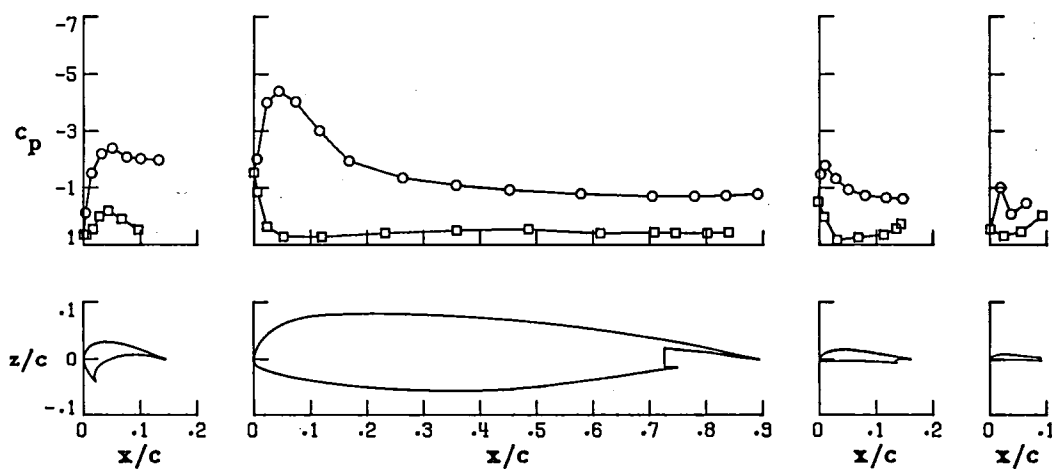
### Wing Station C



### Wing Station B

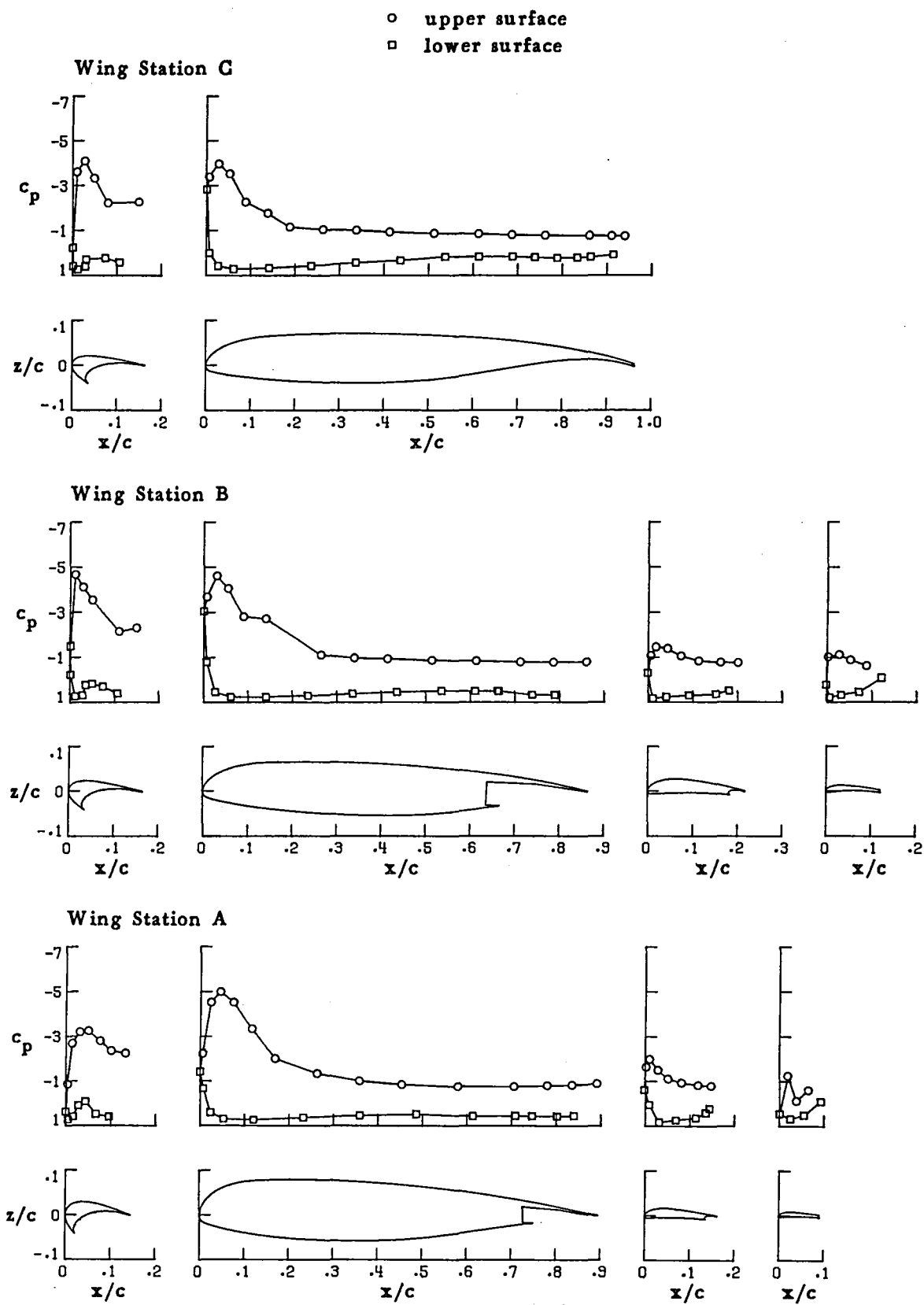


### Wing Station A



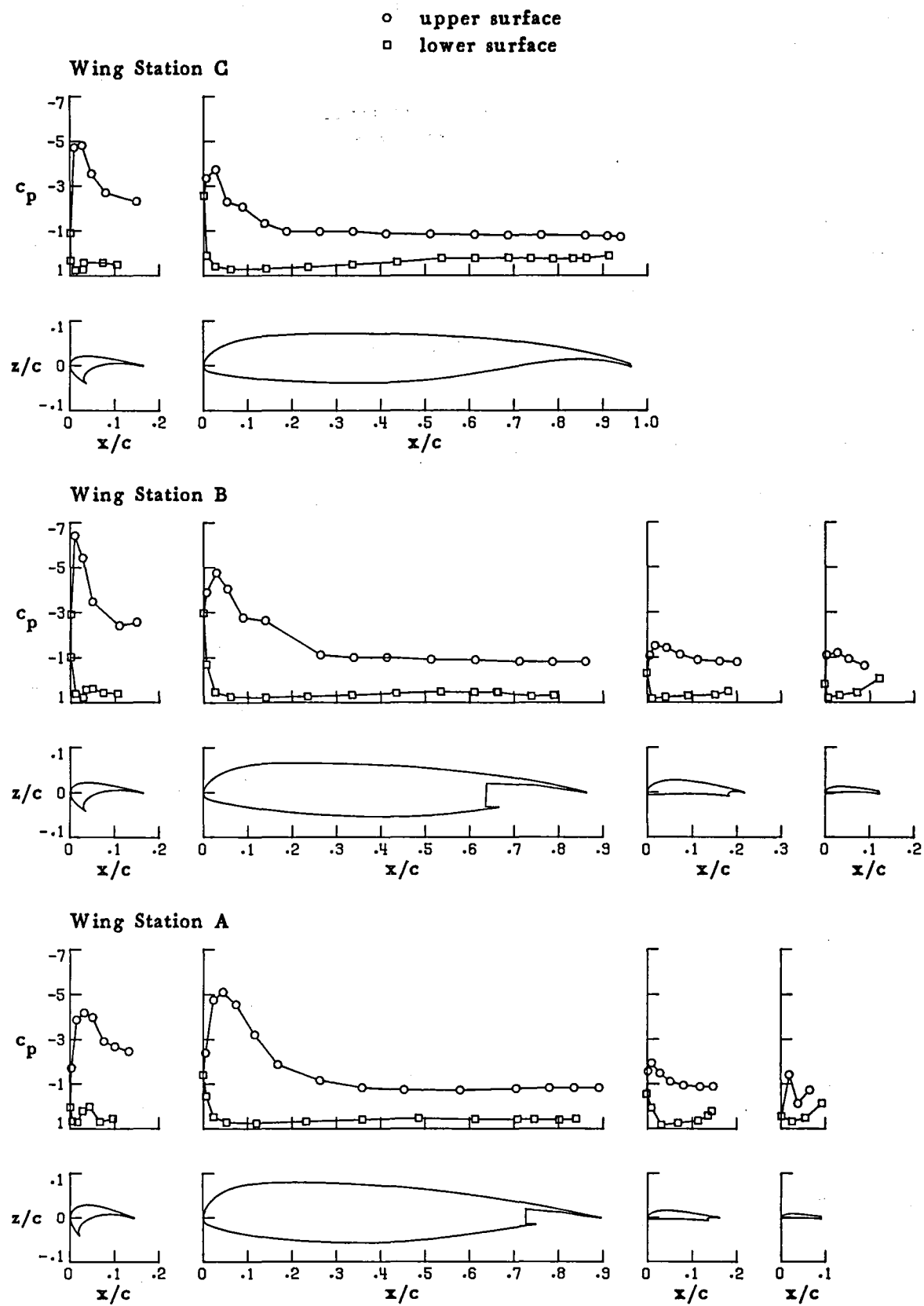
(g)  $\alpha = 20.502^\circ$

Figure 24.-Continued.



(h)  $\alpha = 24.488^\circ$

Figure 24-Continued.



(i)  $\alpha = 28.524^\circ$

Figure 24.-Concluded.

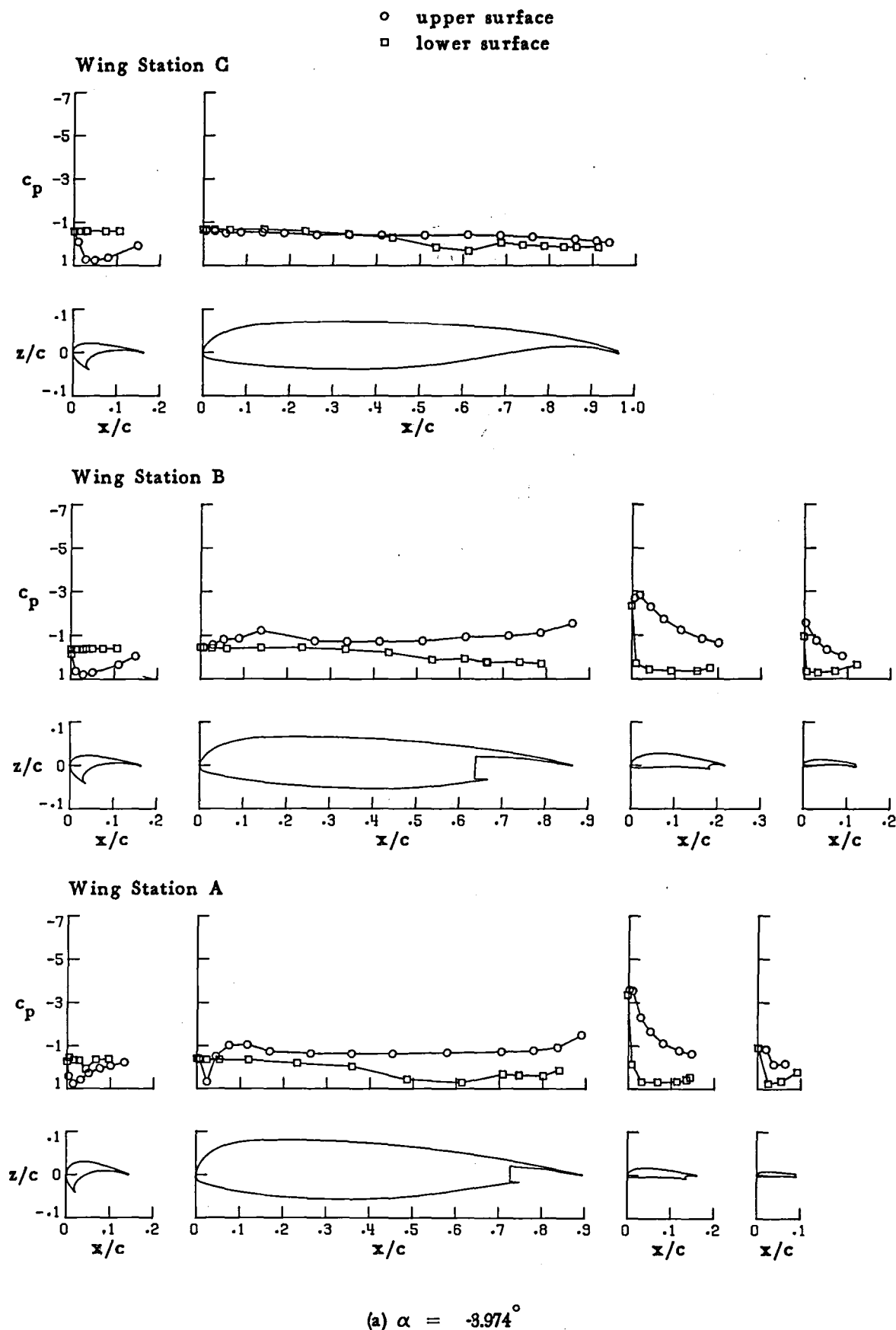
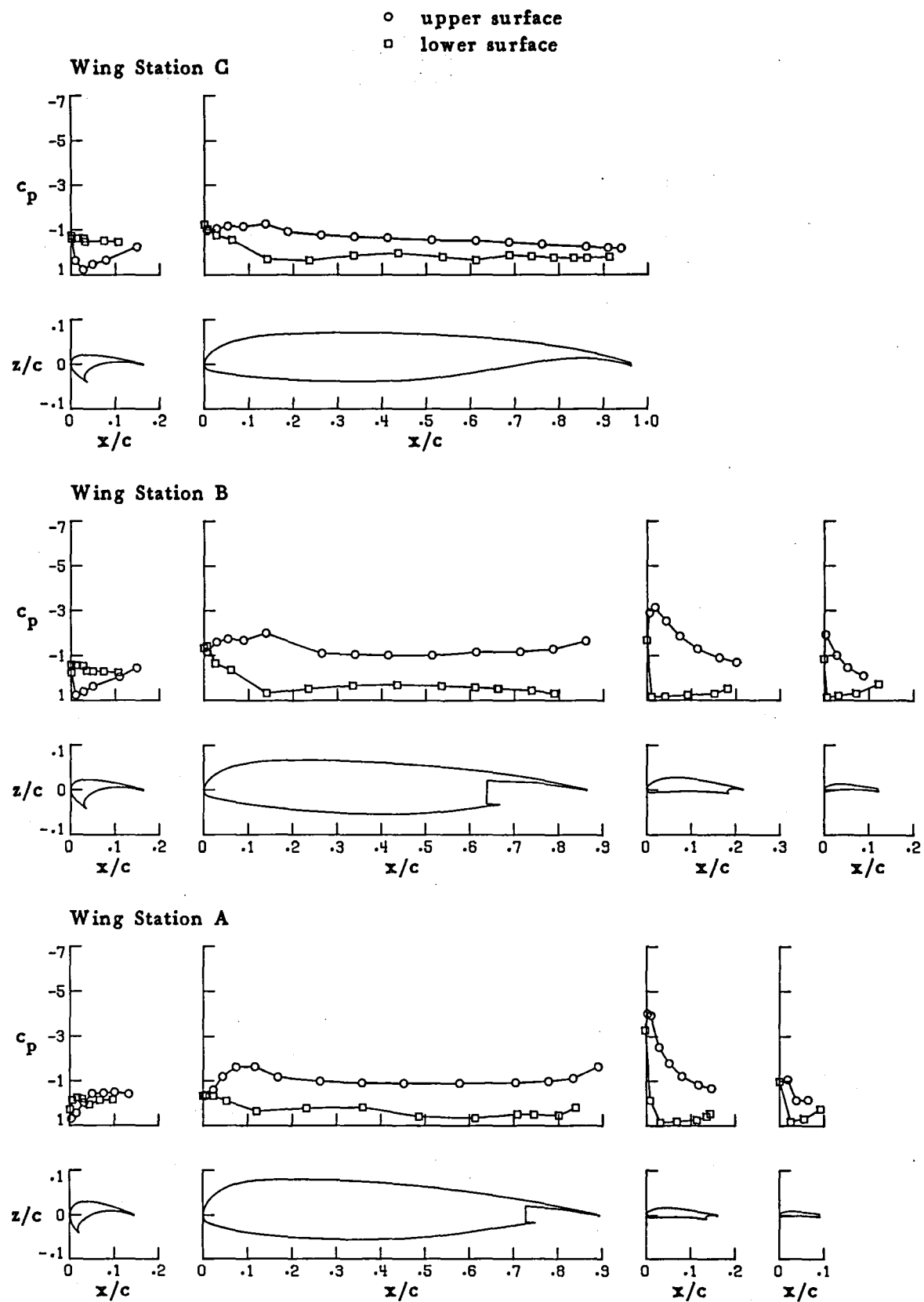


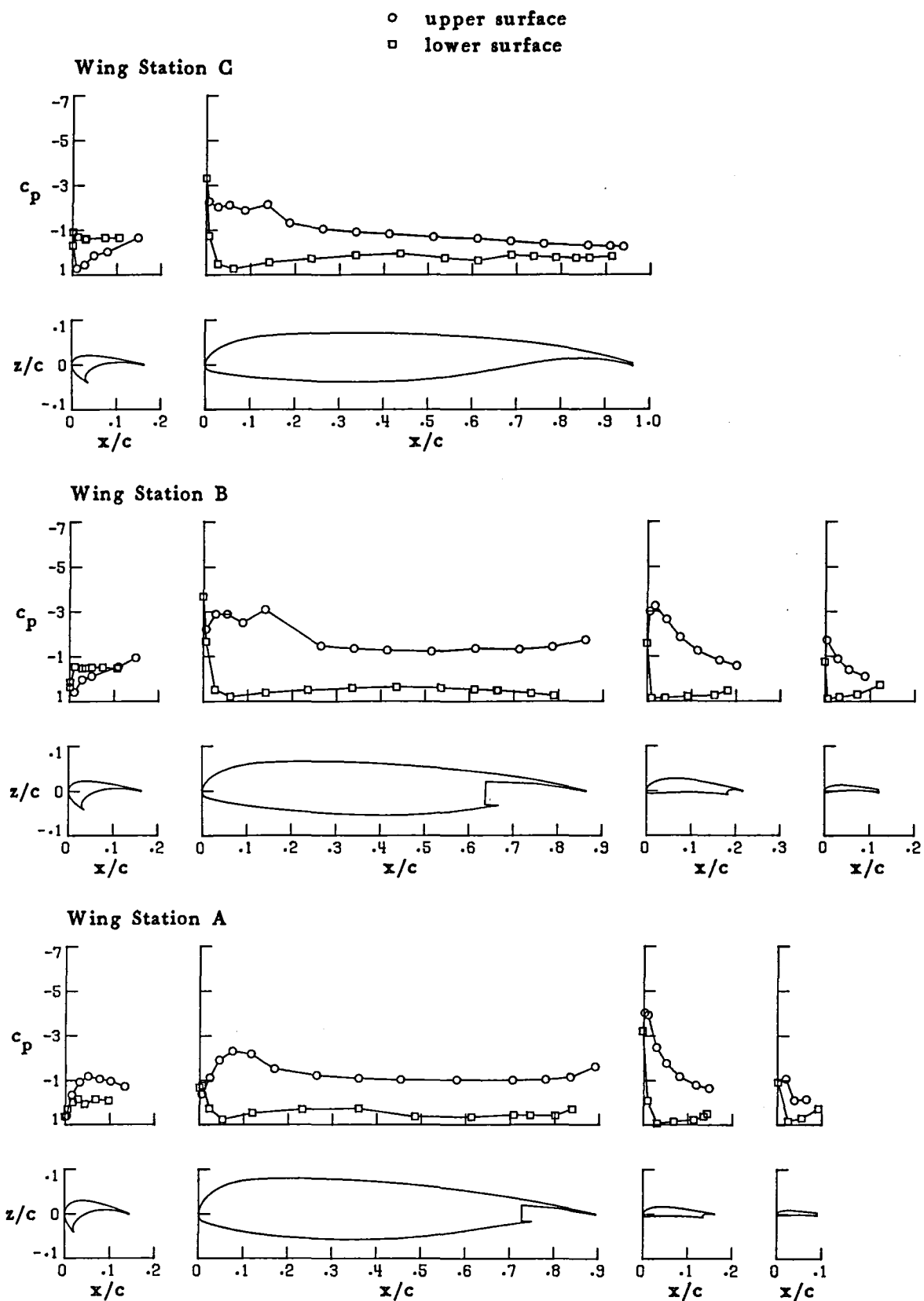
Figure 25. - Pressure distributions for aspect-ratio-10,  $60^\circ$  landing flap wing configuration with  $-30^\circ$  deflection of inboard slat. (Run 22)



(b)  $\alpha = .127^\circ$

Figure 25.-Continued.



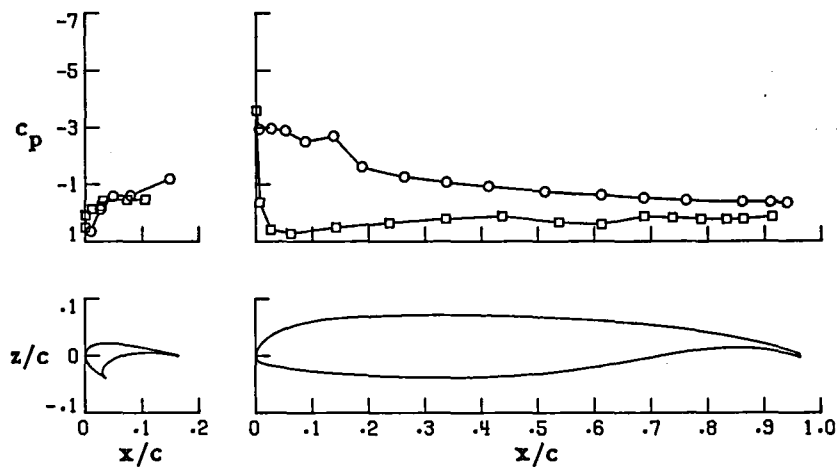


(c)  $\alpha = 4.224^\circ$

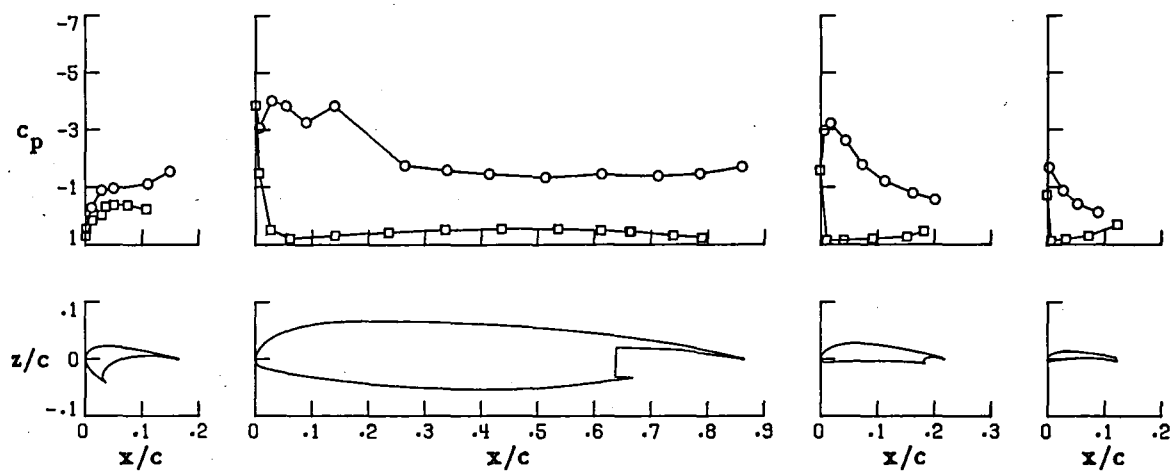
Figure 25.-Continued.

○ upper surface  
□ lower surface

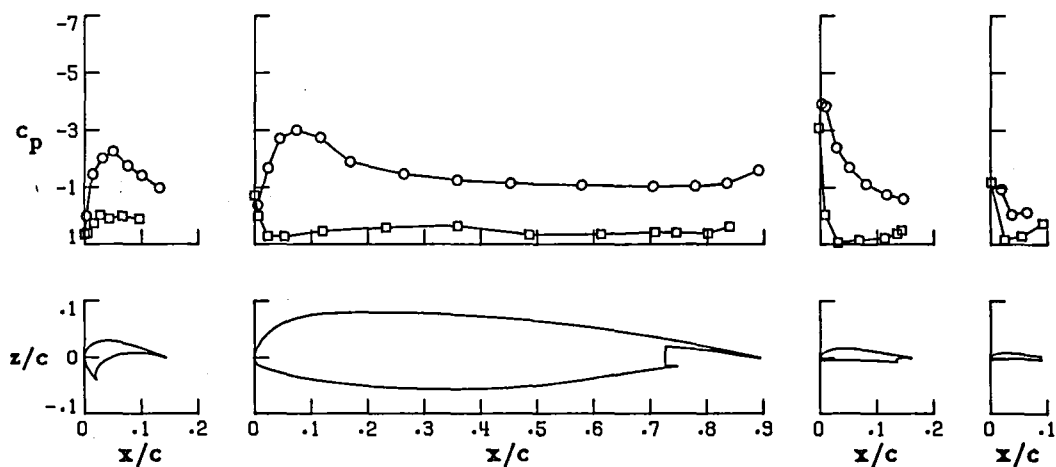
### Wing Station C



### Wing Station B



### Wing Station A

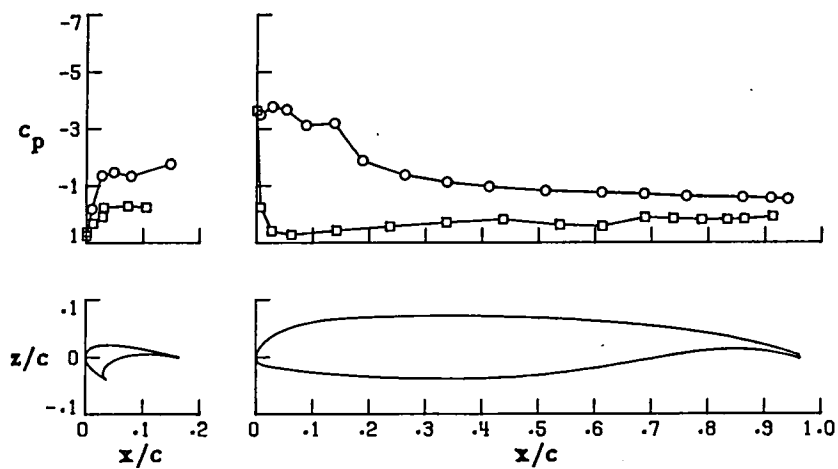


(d)  $\alpha = 8.213^\circ$

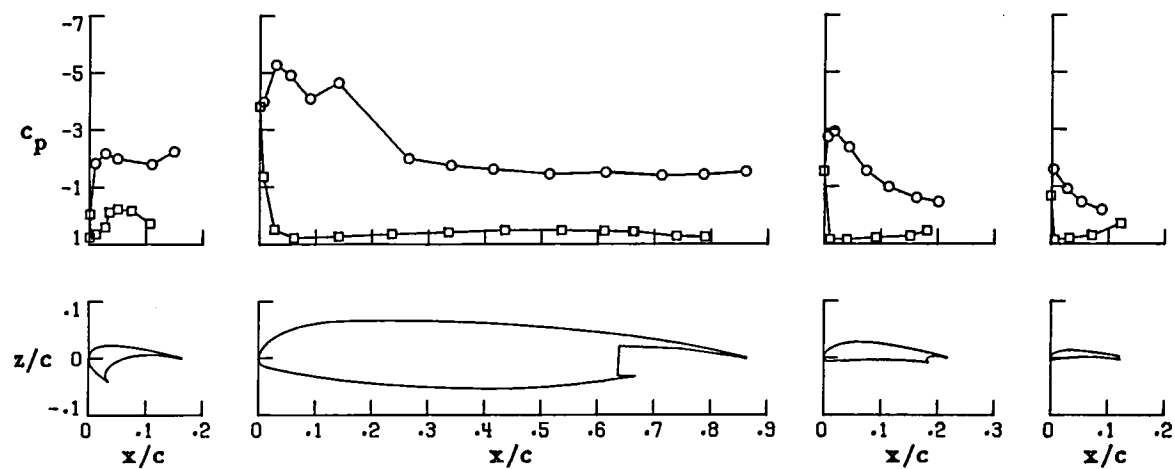
Figure 25.-Continued.

○ upper surface  
□ lower surface

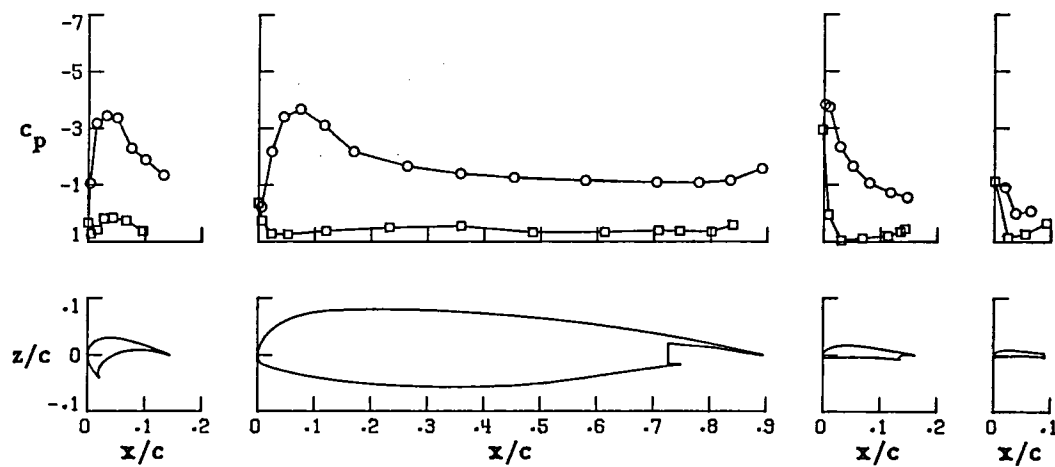
### Wing Station C



### Wing Station B



### Wing Station A

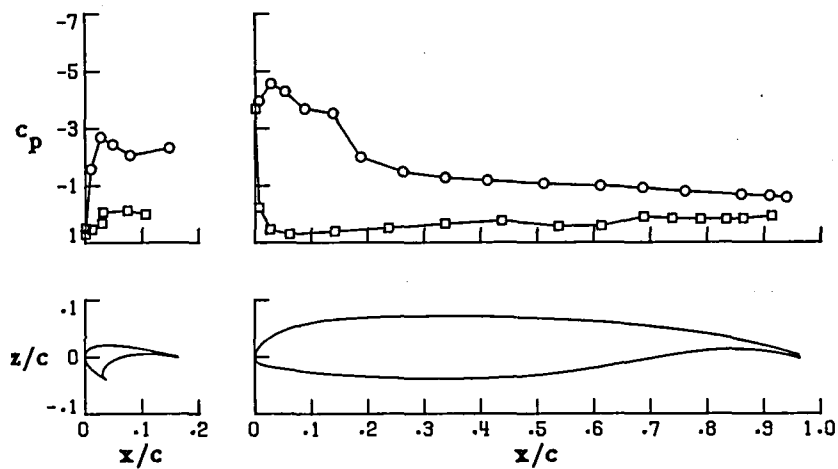


(e)  $\alpha = 12.281^\circ$

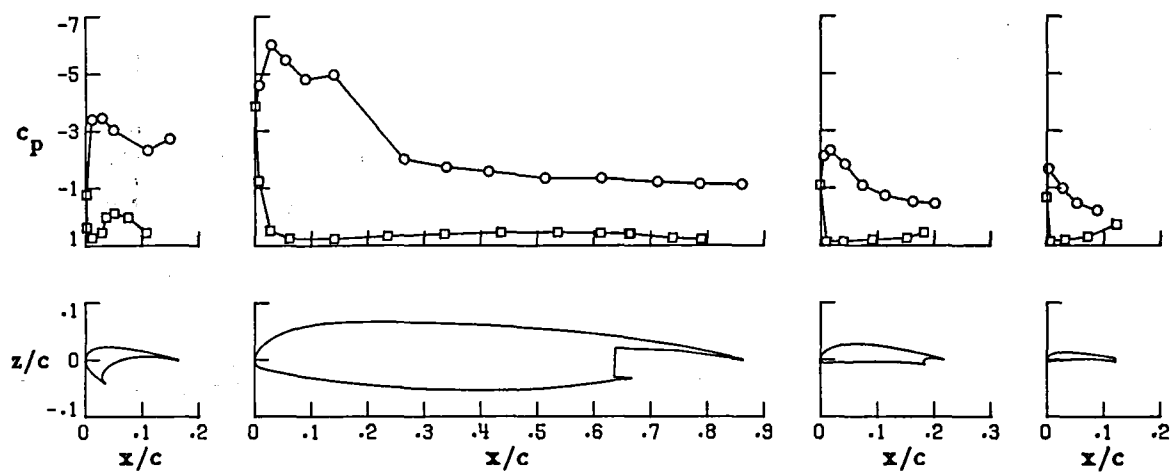
Figure 25.-Continued.

○ upper surface  
□ lower surface

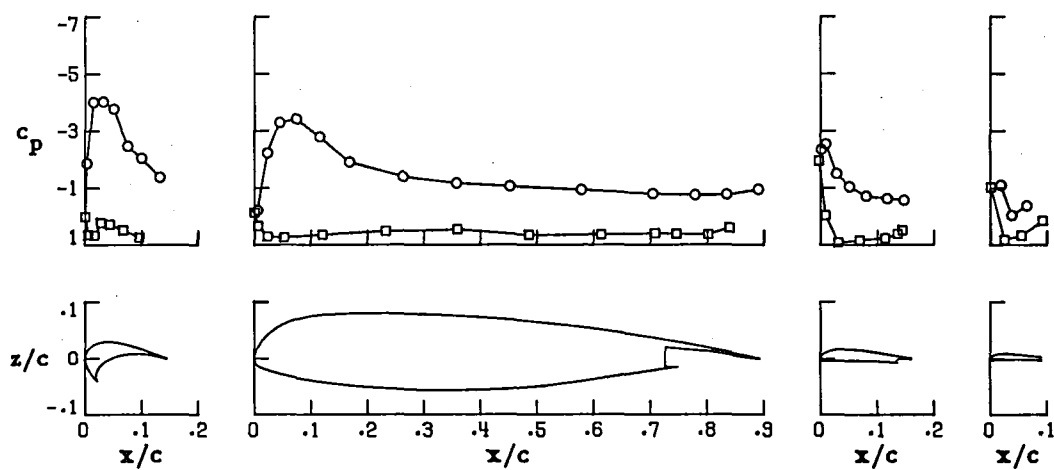
### Wing Station C



### Wing Station B



### Wing Station A

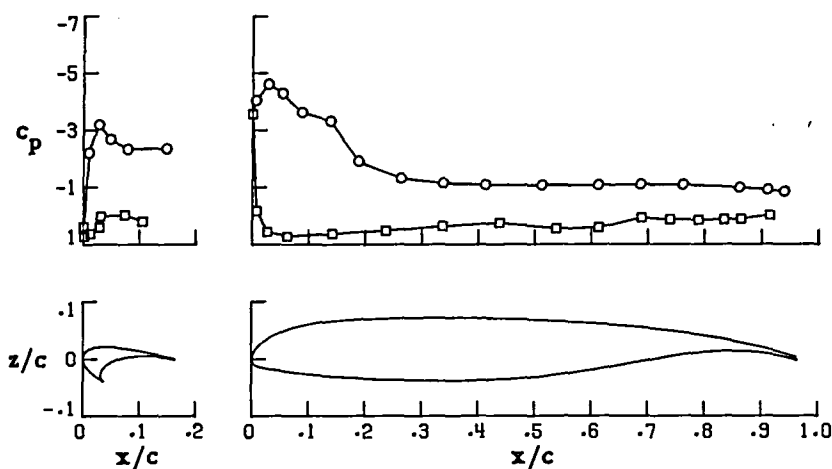


(f)  $\alpha = 16.351^\circ$

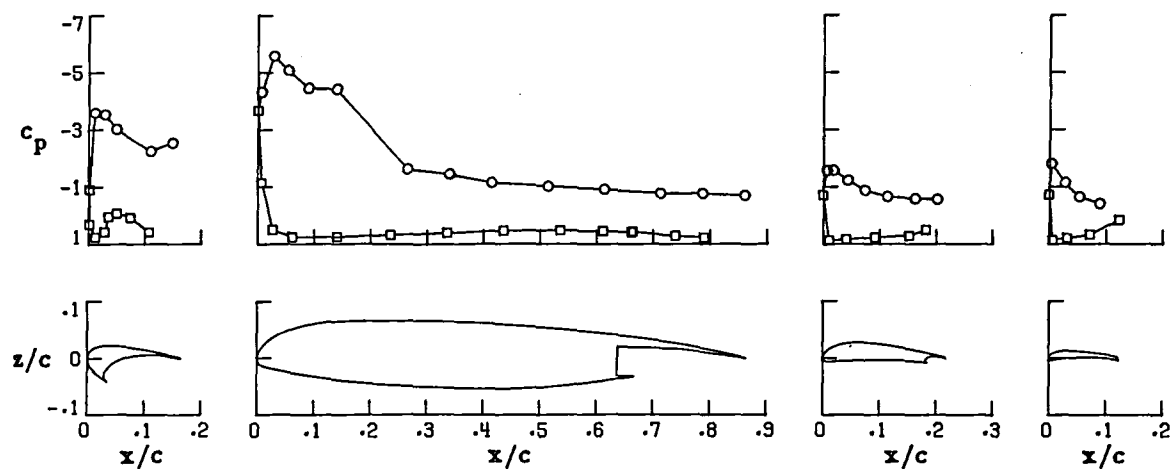
Figure 25.-Continued.

○ upper surface  
□ lower surface

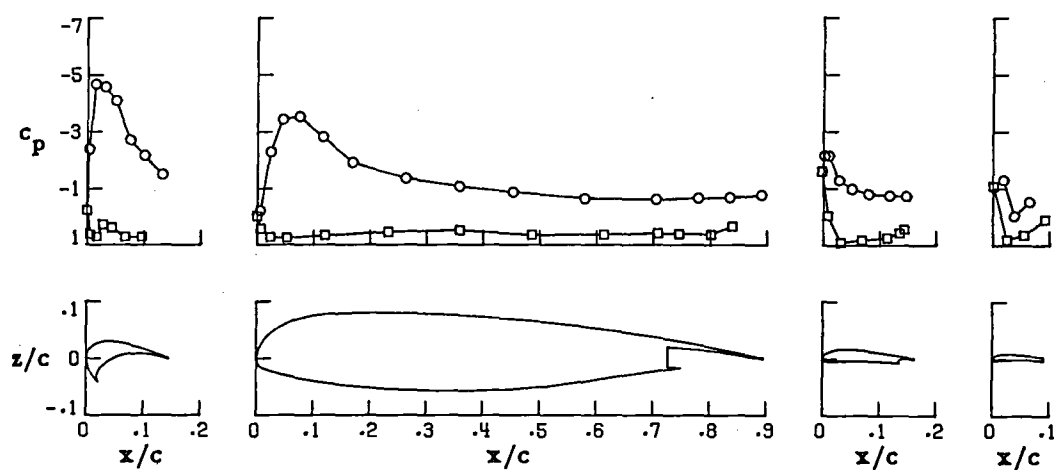
### Wing Station C



### Wing Station B



### Wing Station A

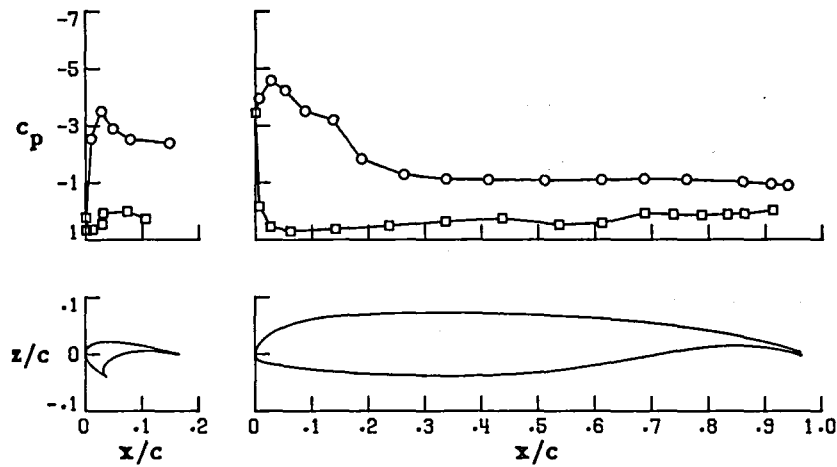


(g)  $\alpha = 18.445^\circ$

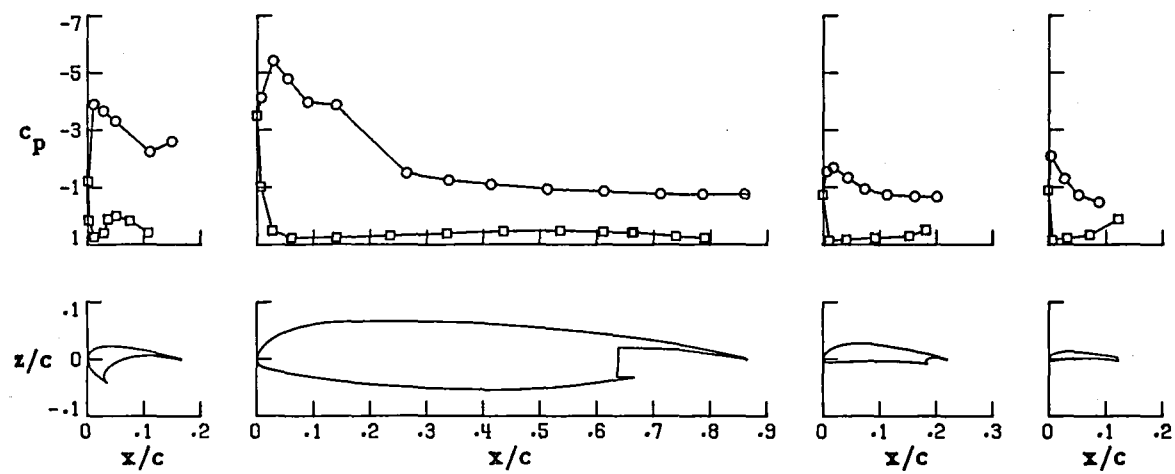
Figure 25.-Continued.

○ upper surface  
□ lower surface

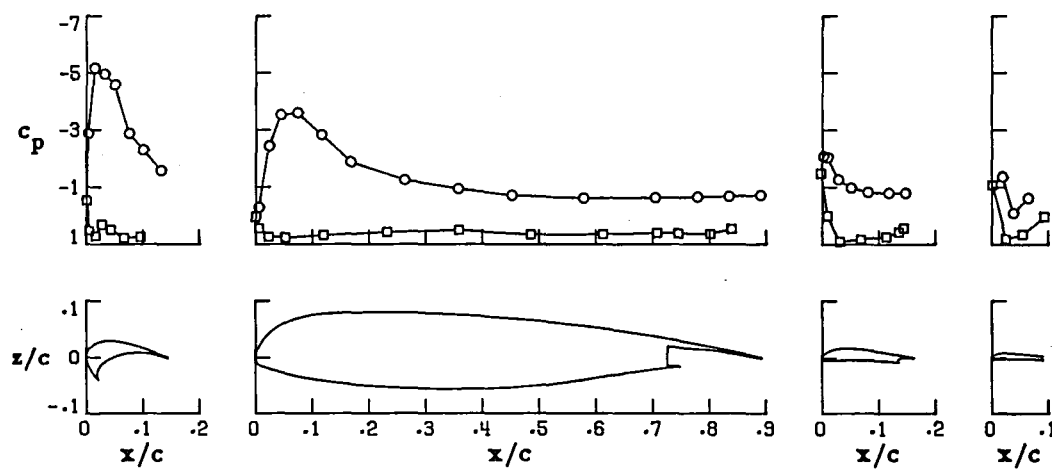
### Wing Station C



### Wing Station B



### Wing Station A

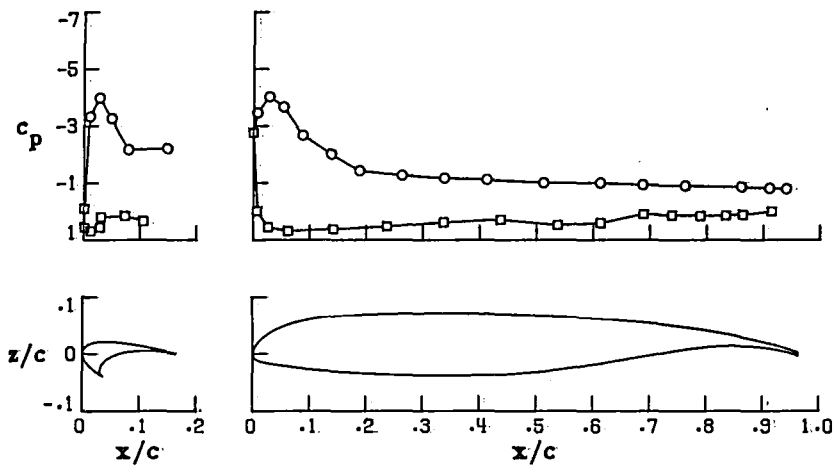


(h)  $\alpha = 20.314^\circ$

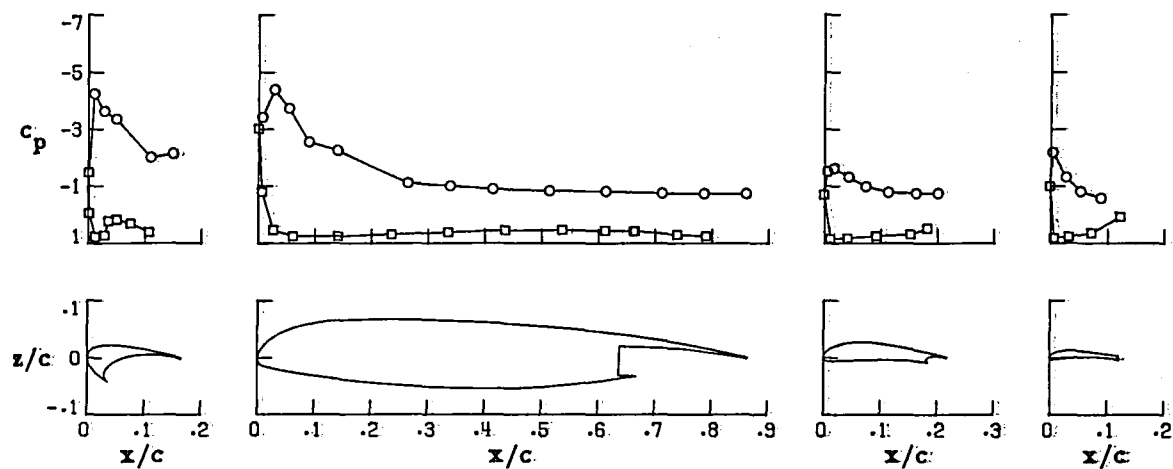
Figure 25.-Continued.

○ upper surface  
□ lower surface

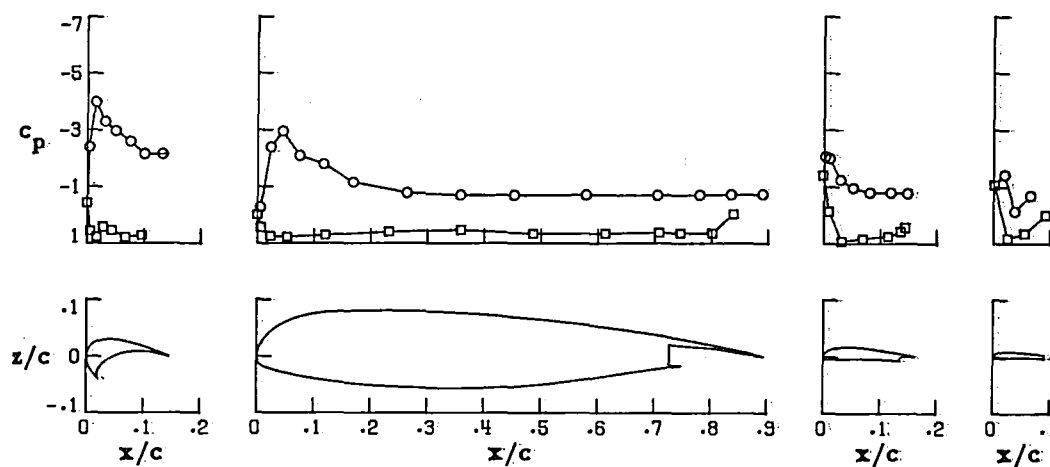
### Wing Station C



### Wing Station B

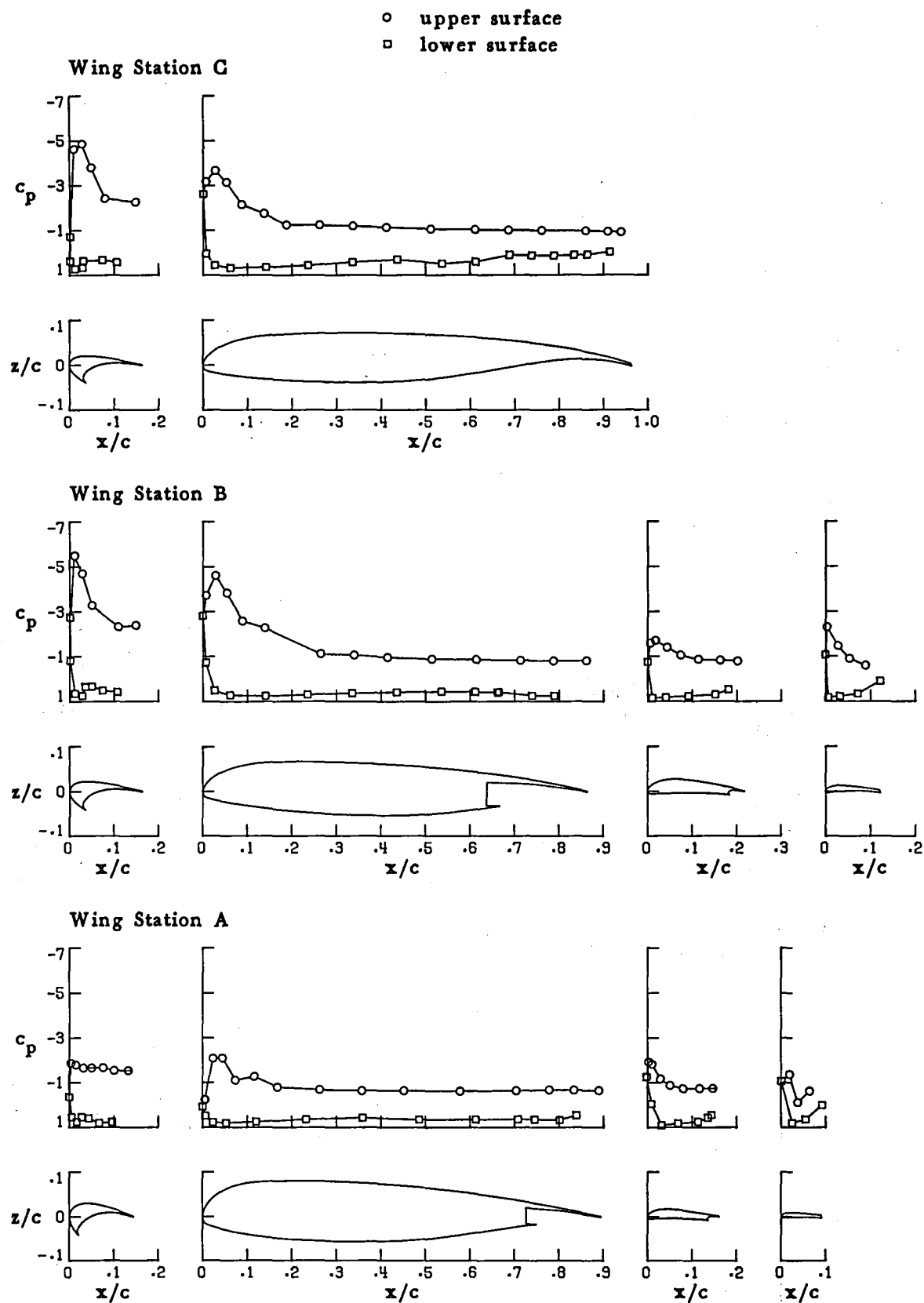


### Wing Station A



(i)  $\alpha = 24.423^\circ$

Figure 25.-Continued.



(j)  $\alpha = 28.400^\circ$

Figure 25.-Concluded.



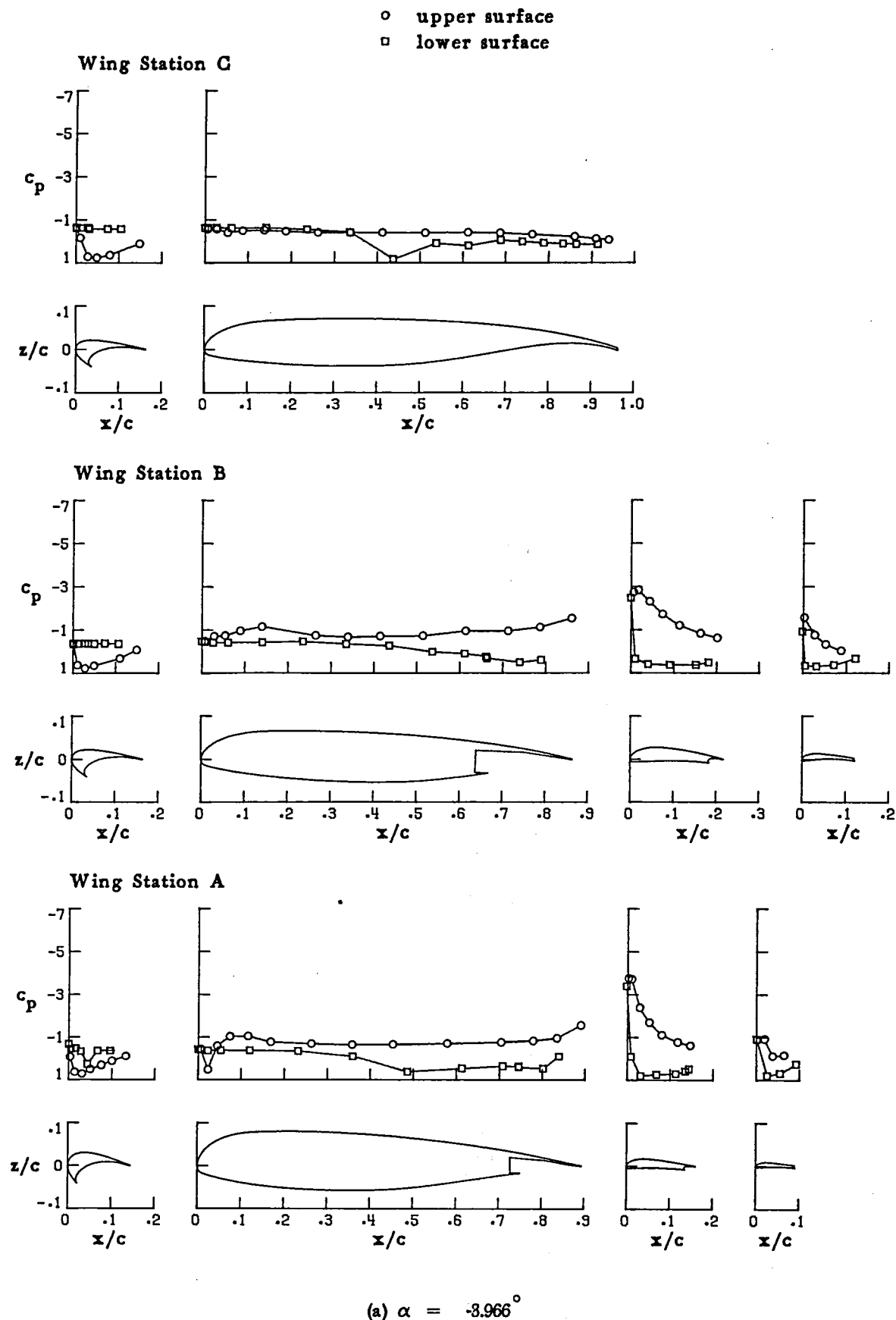
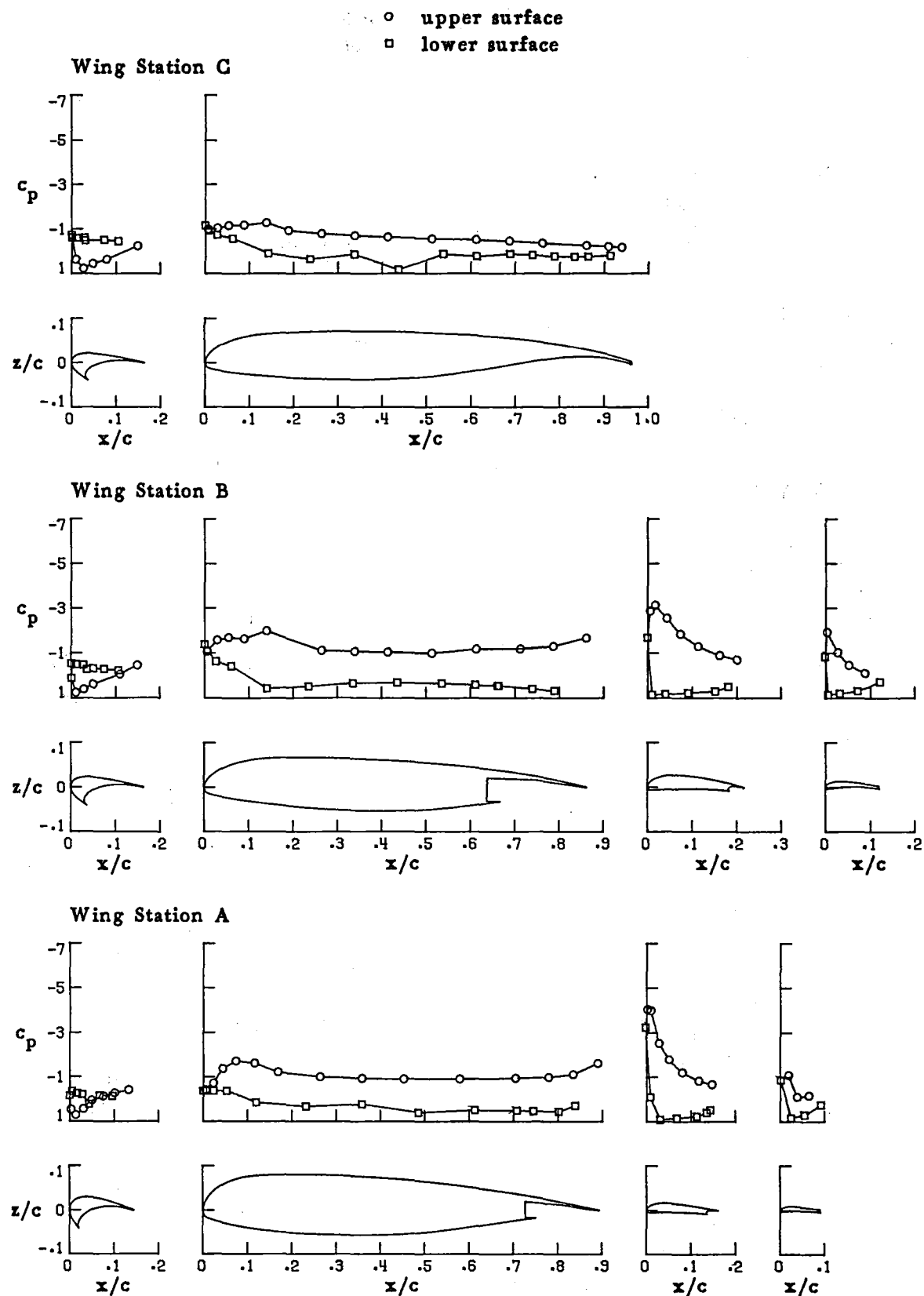
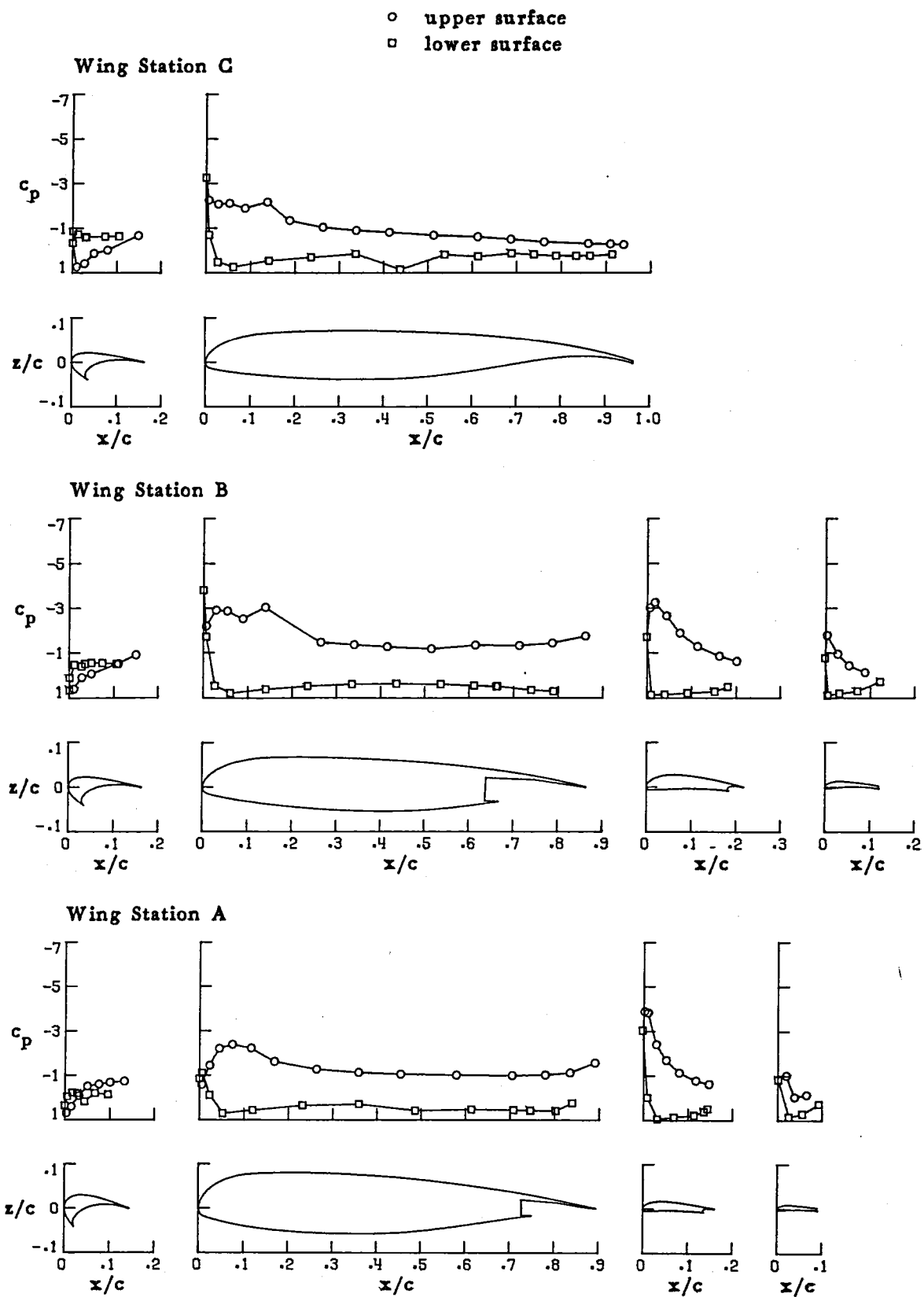


Figure 26. - Pressure distributions for aspect-ratio-10,  $60^\circ$  landing flap wing configuration with  $-40^\circ$  deflection of inboard slat. (Run 23)



(b)  $\alpha = .134^\circ$

Figure 26.-Continued.

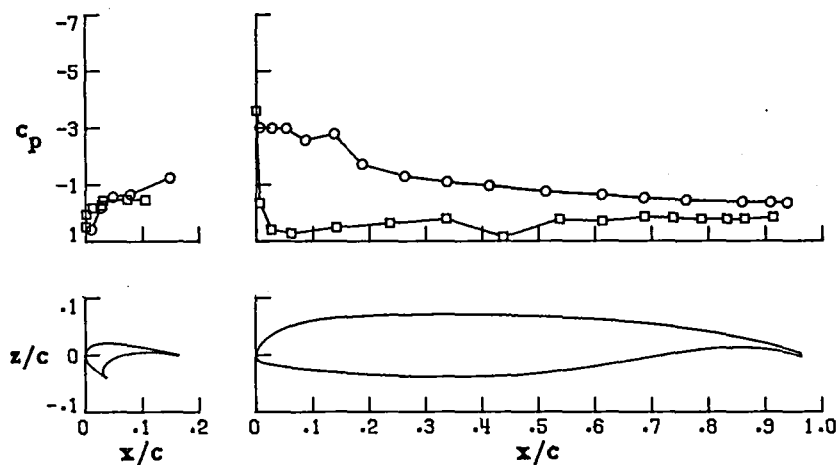


(c)  $\alpha = 4.225^\circ$

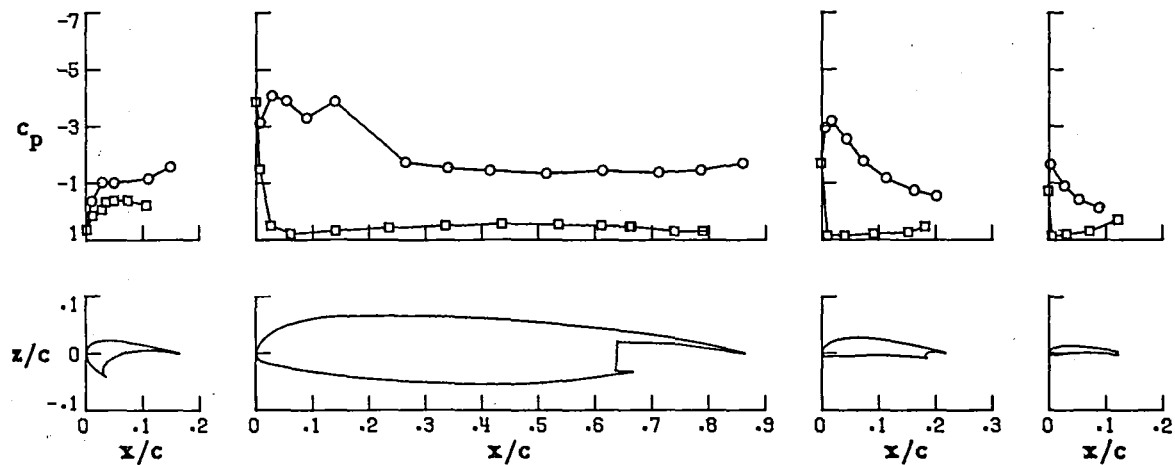
Figure 26.-Continued.

○ upper surface  
□ lower surface

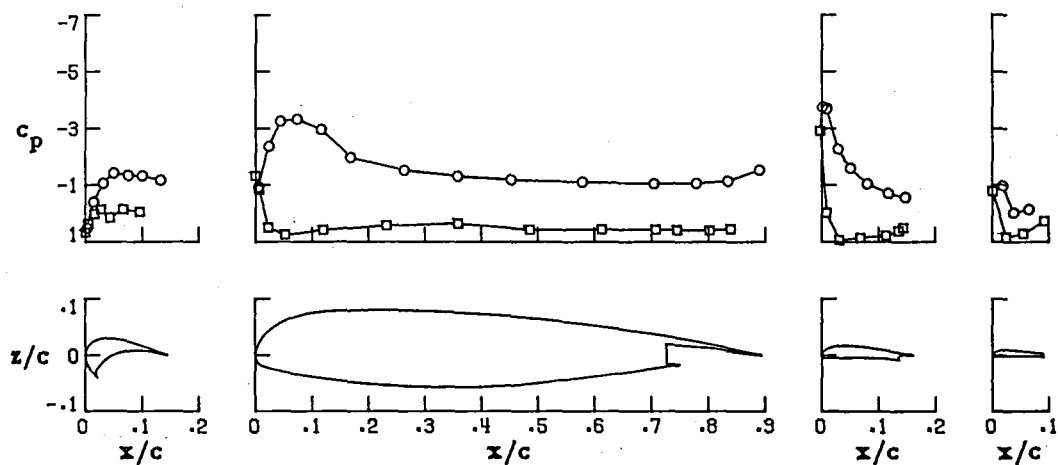
### Wing Station C



### Wing Station B



### Wing Station A

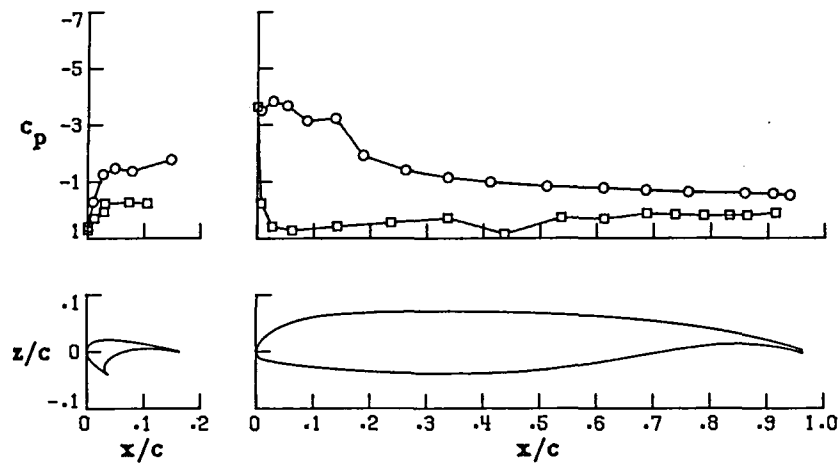


(d)  $\alpha = 8.275^\circ$

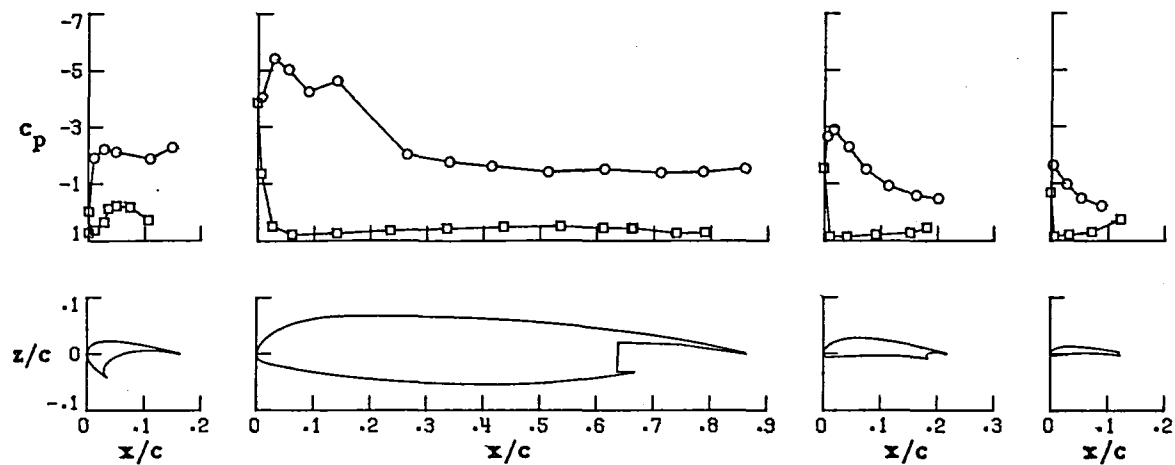
Figure 26.-Continued.

○ upper surface  
□ lower surface

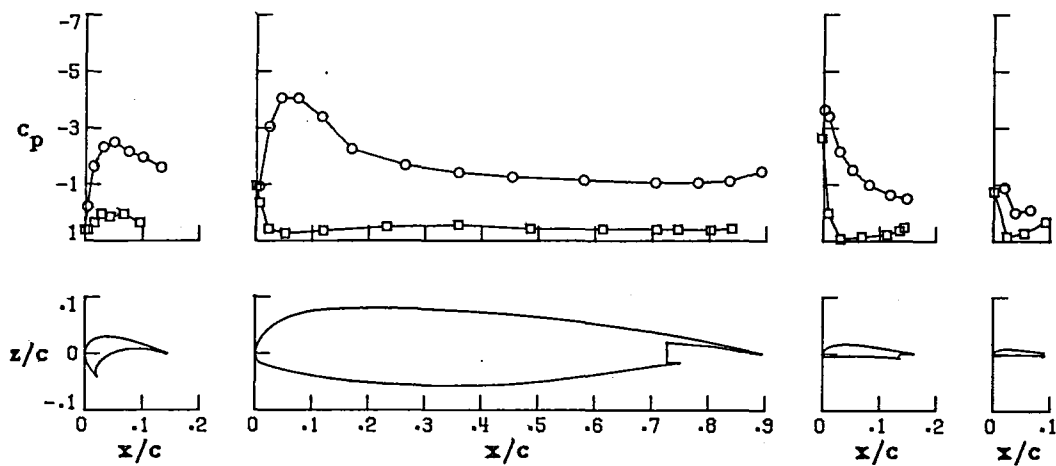
### Wing Station C



### Wing Station B

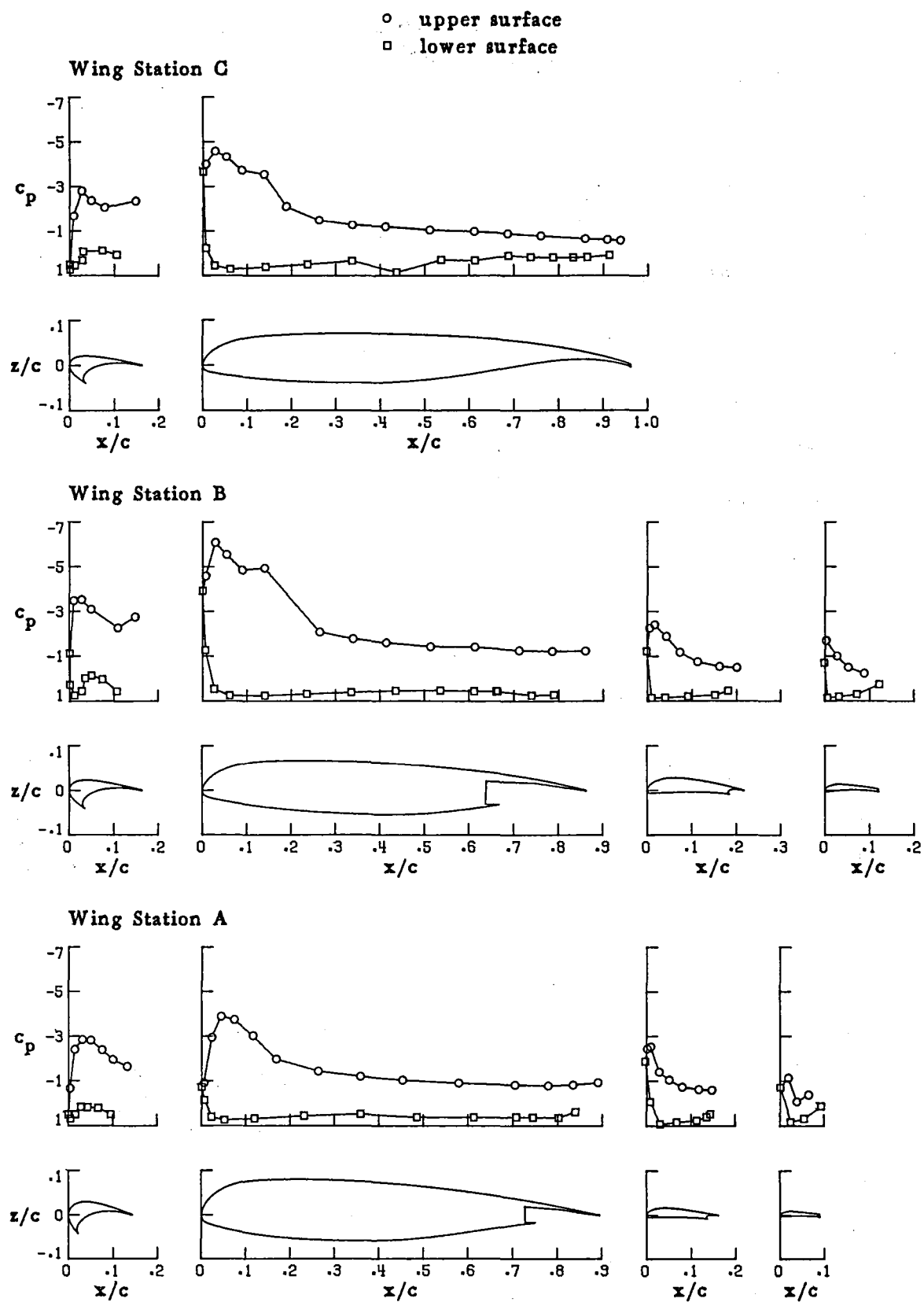


### Wing Station A



(e)  $\alpha = 12.319^\circ$

Figure 26.-Continued.

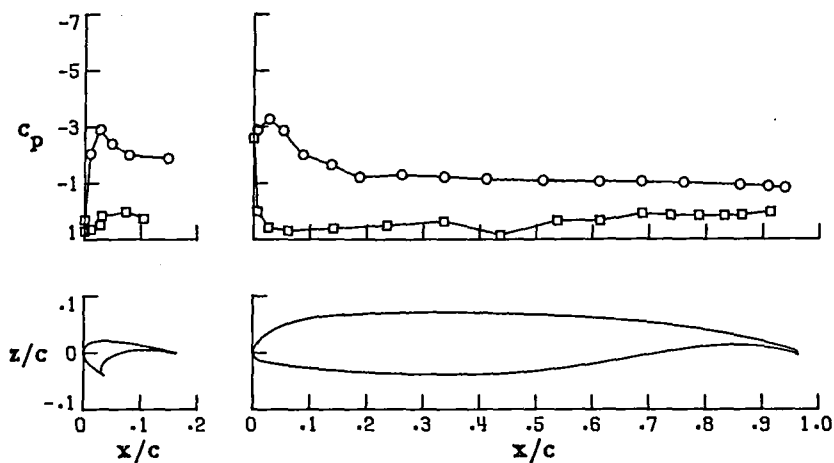


(E)  $\alpha = 16.297^\circ$

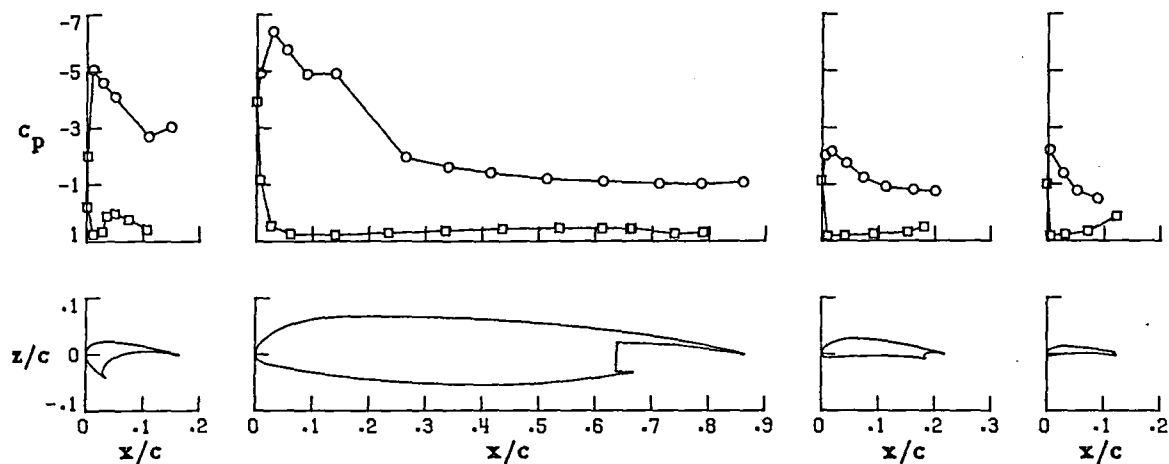
Figure 26.-Continued.

○ upper surface  
□ lower surface

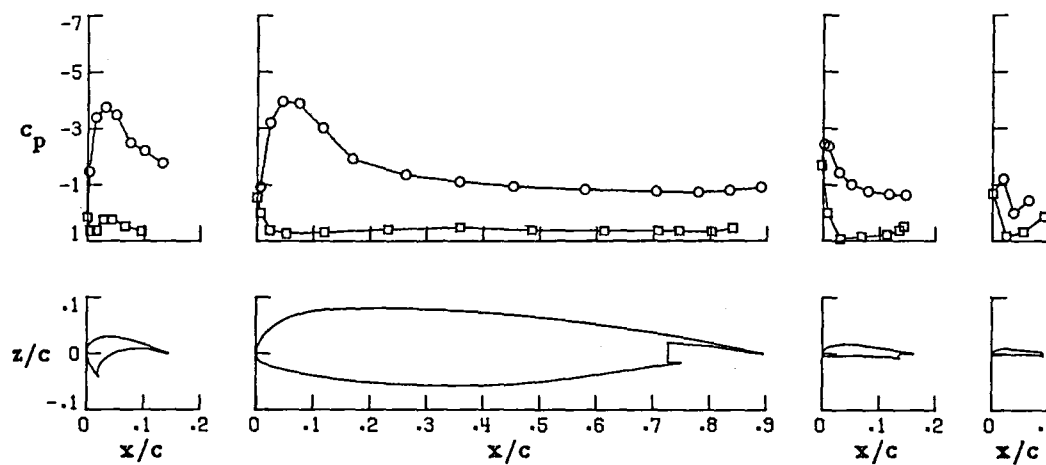
### Wing Station C



### Wing Station B



### Wing Station A

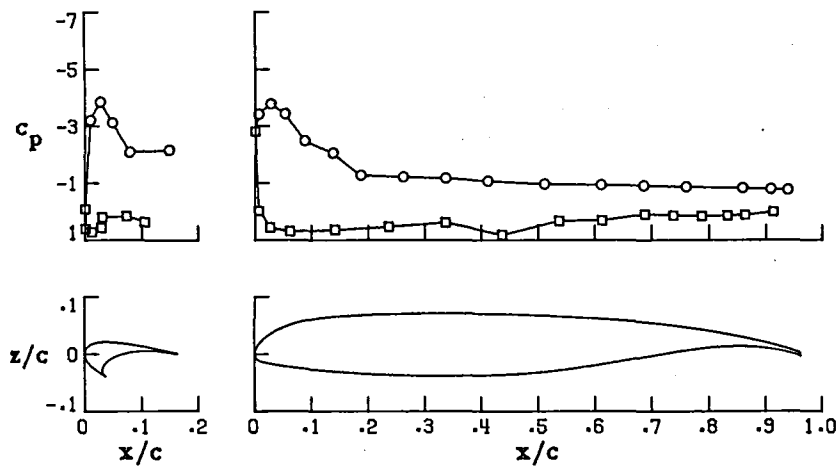


(g)  $\alpha = 20.348^\circ$

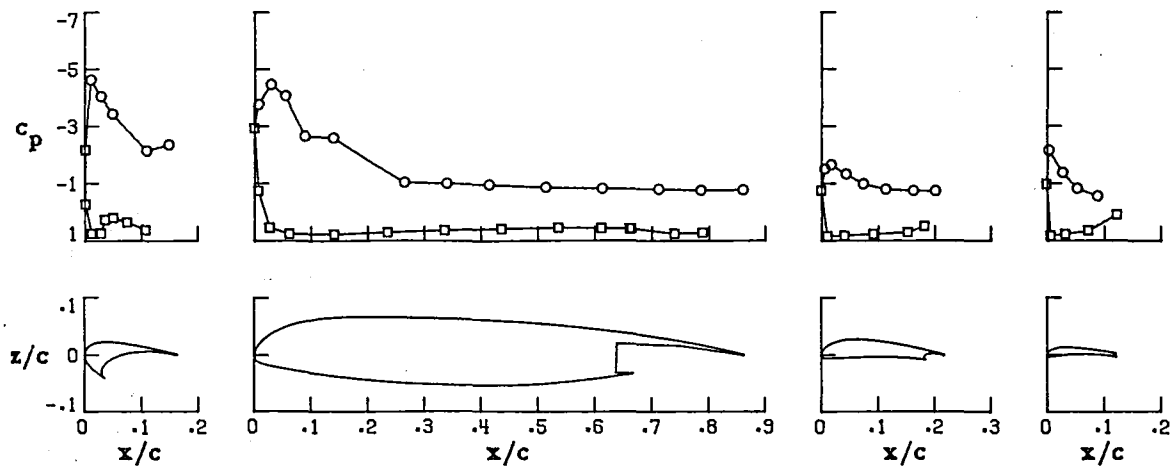
Figure 26.-Continued.

○ upper surface  
□ lower surface

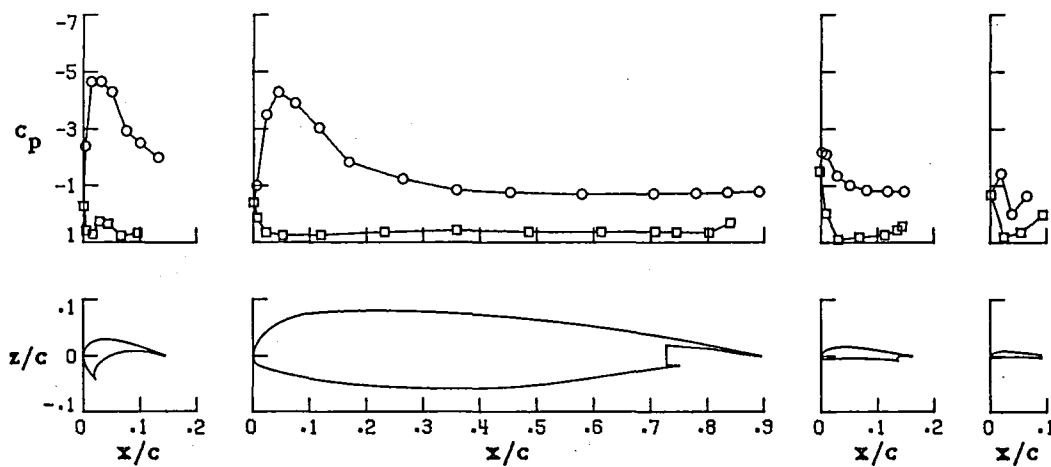
### Wing Station C



### Wing Station B



### Wing Station A



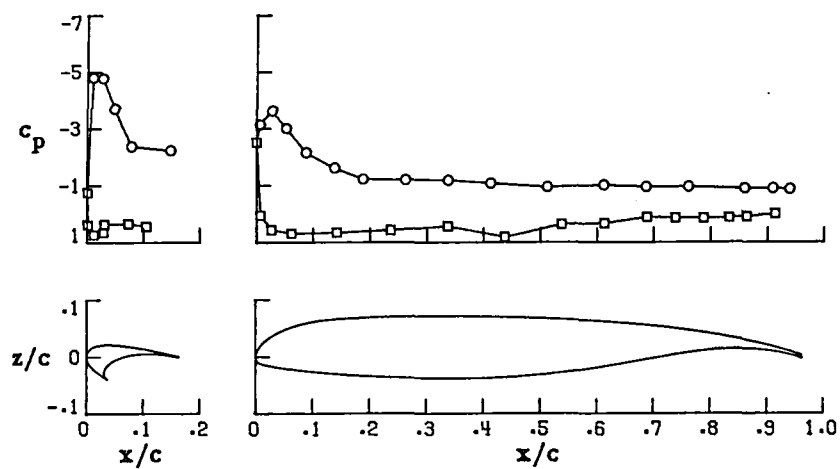
(h)  $\alpha = 24.373^\circ$

Figure 26-Continued.

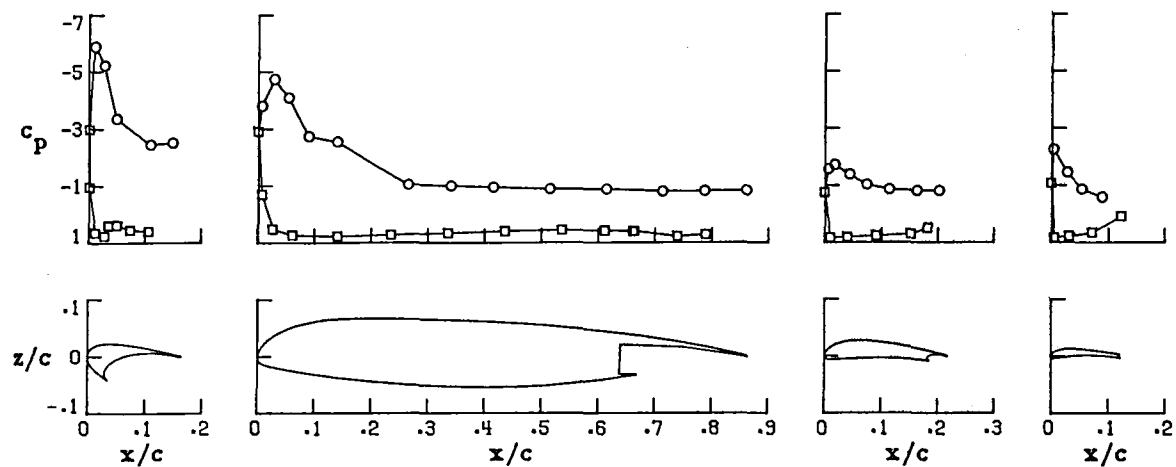


○ upper surface  
□ lower surface

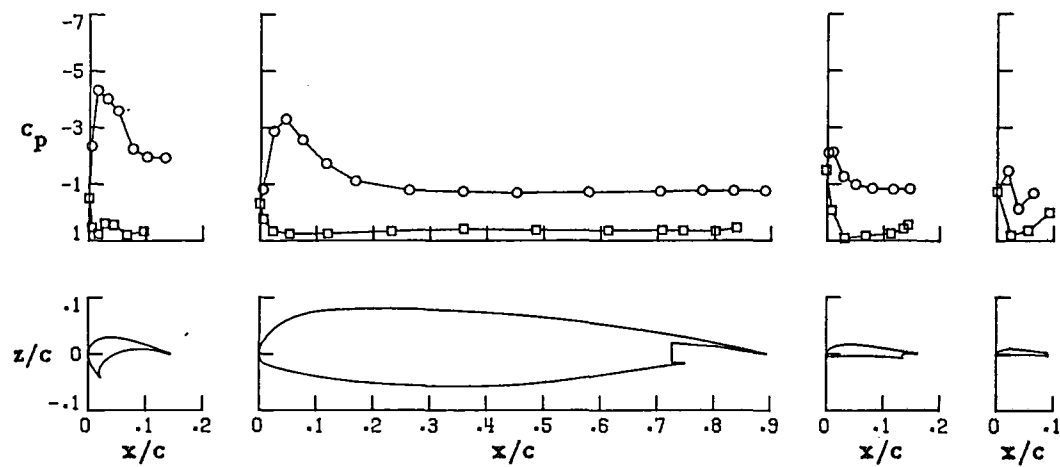
### Wing Station C



### Wing Station B



### Wing Station A

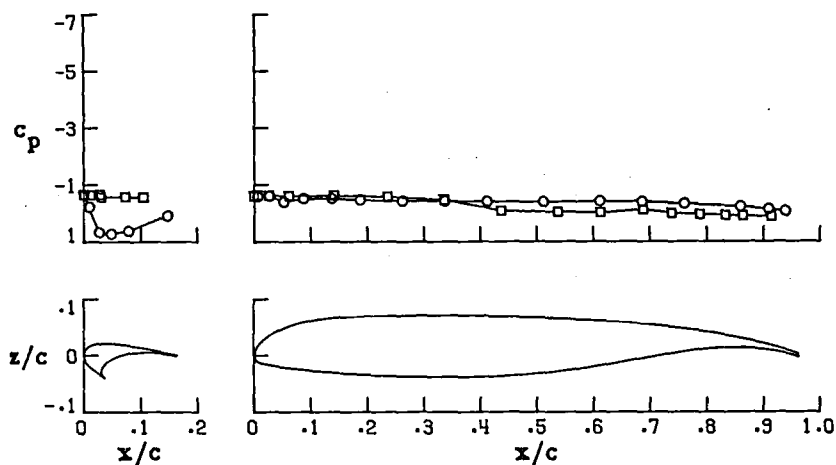


(i)  $\alpha = 28.363^\circ$

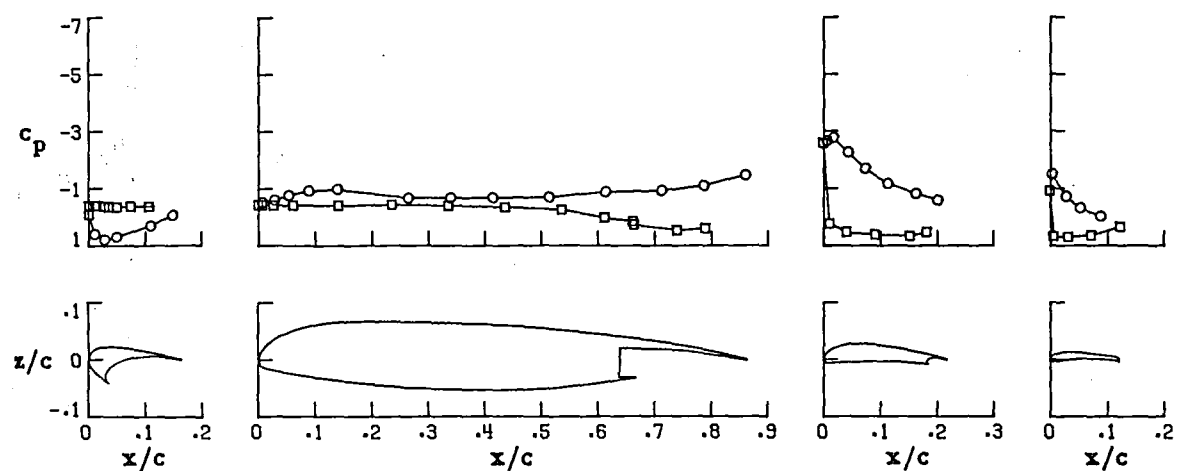
Figure 26.-Concluded.

○ upper surface  
□ lower surface

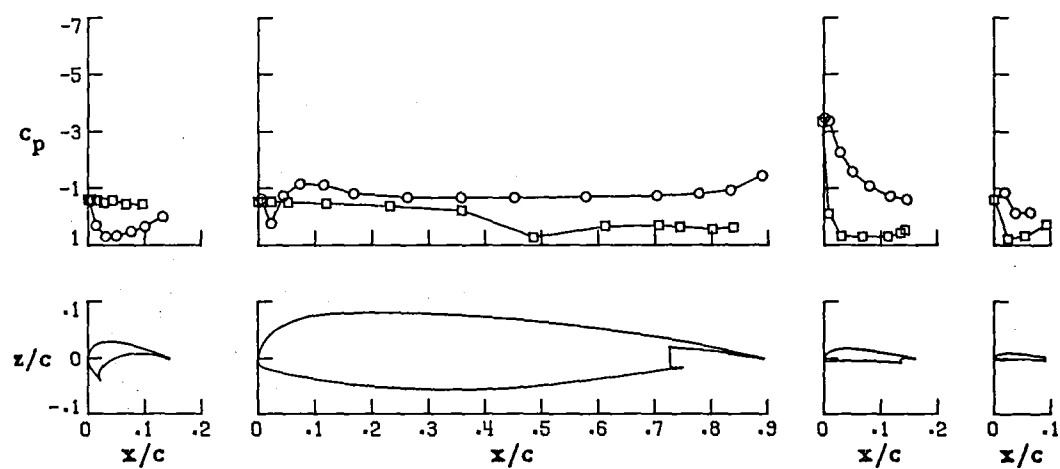
### Wing Station C



### Wing Station B



### Wing Station A

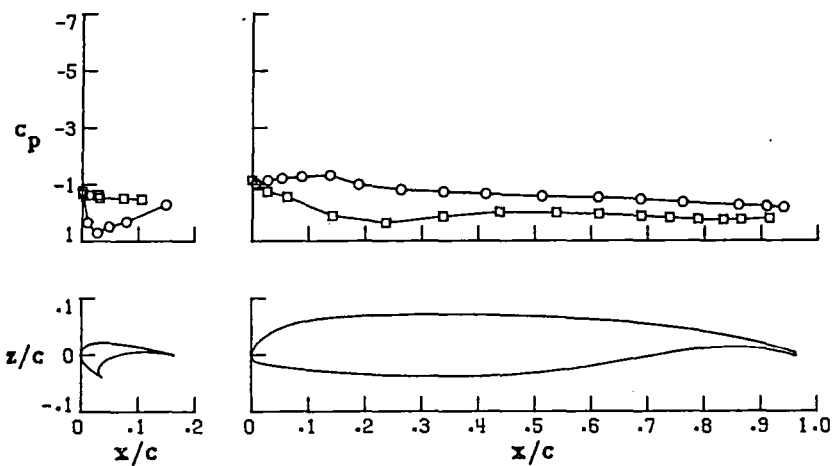


(a)  $\alpha = -3.859^\circ$

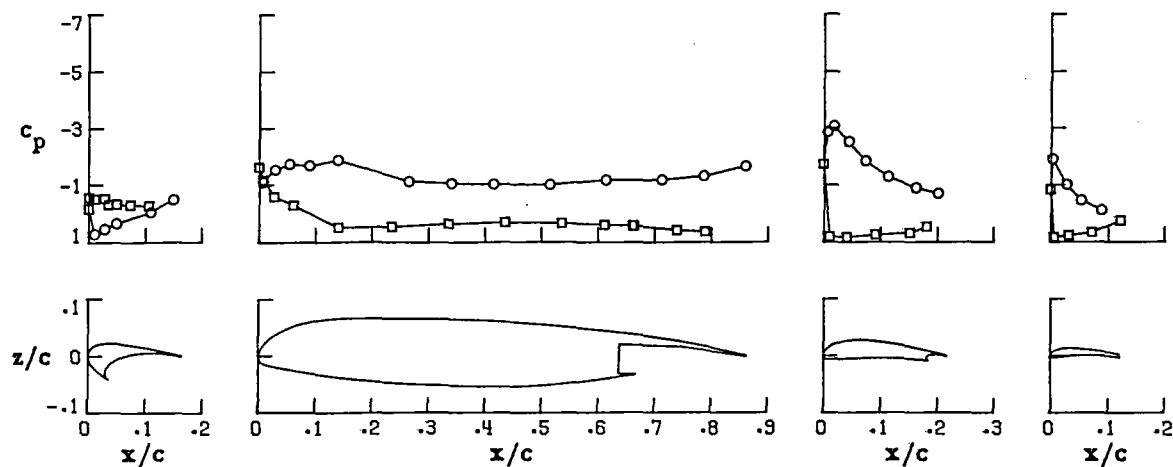
Figure 27. - Pressure distributions for aspect-ratio-10,  $60^\circ$  landing flap wing configuration with  $-50^\circ$  deflection of inboard slat. (Run 25)

○ upper surface  
□ lower surface

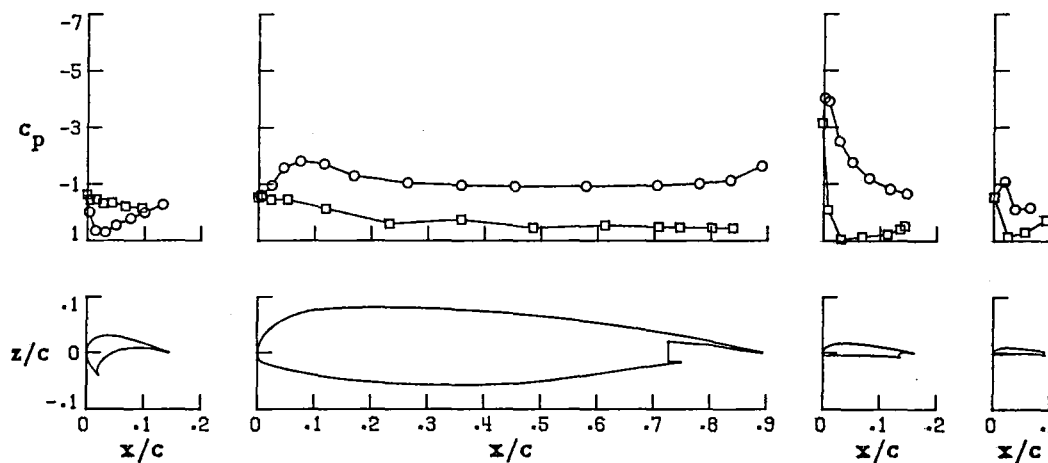
### Wing Station C



### Wing Station B



### Wing Station A

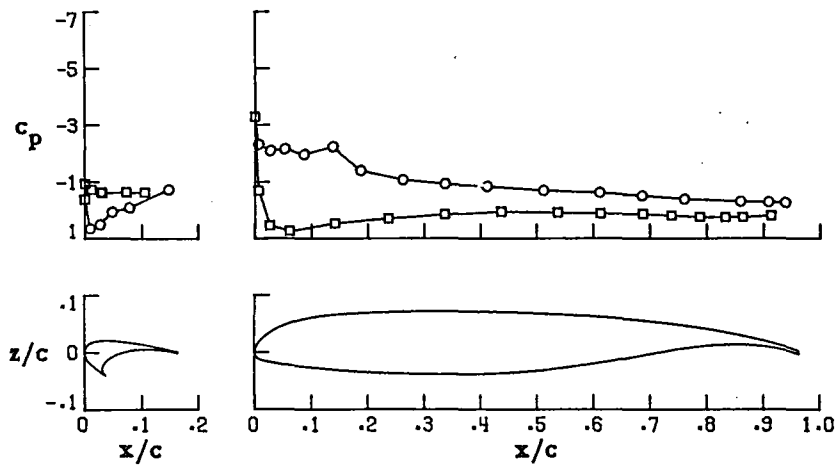


(b)  $\alpha = .213^\circ$

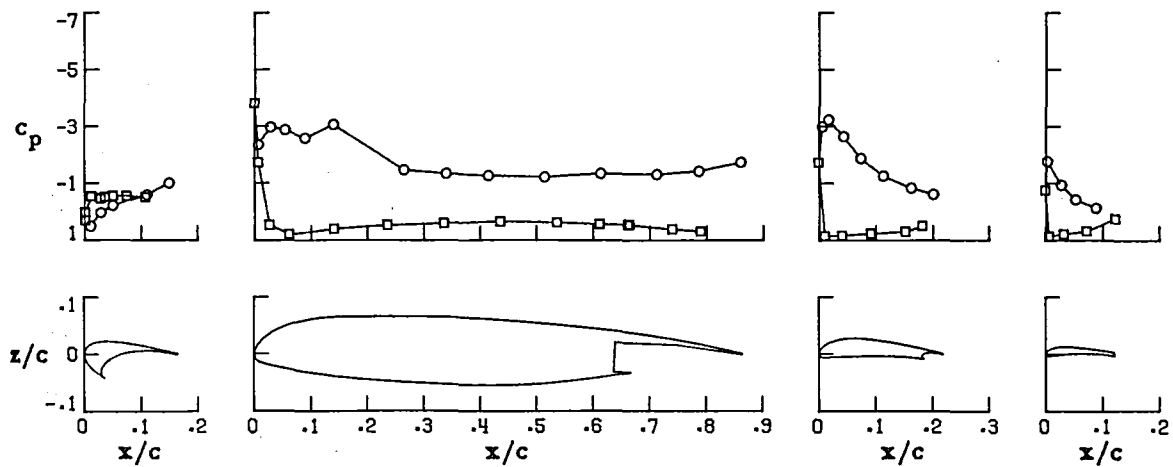
Figure 27.-Continued.

○ upper surface  
□ lower surface

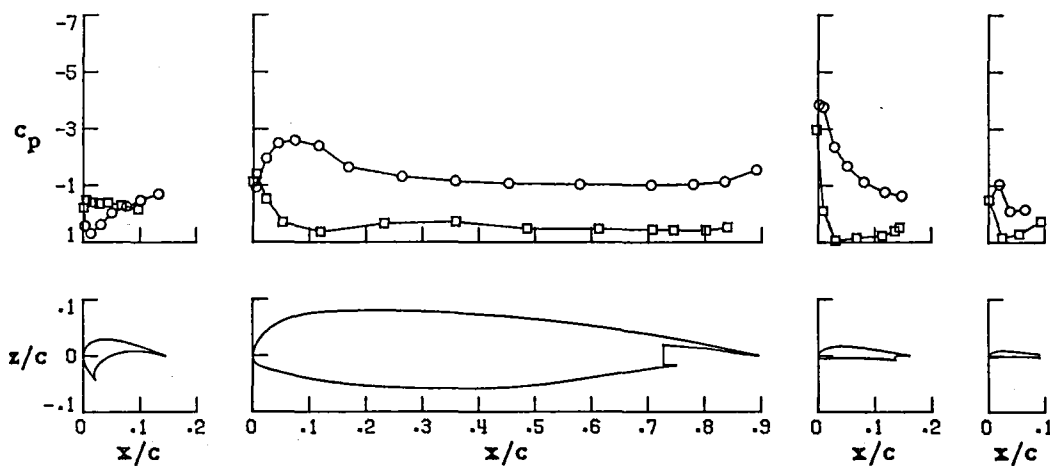
### Wing Station C



### Wing Station B

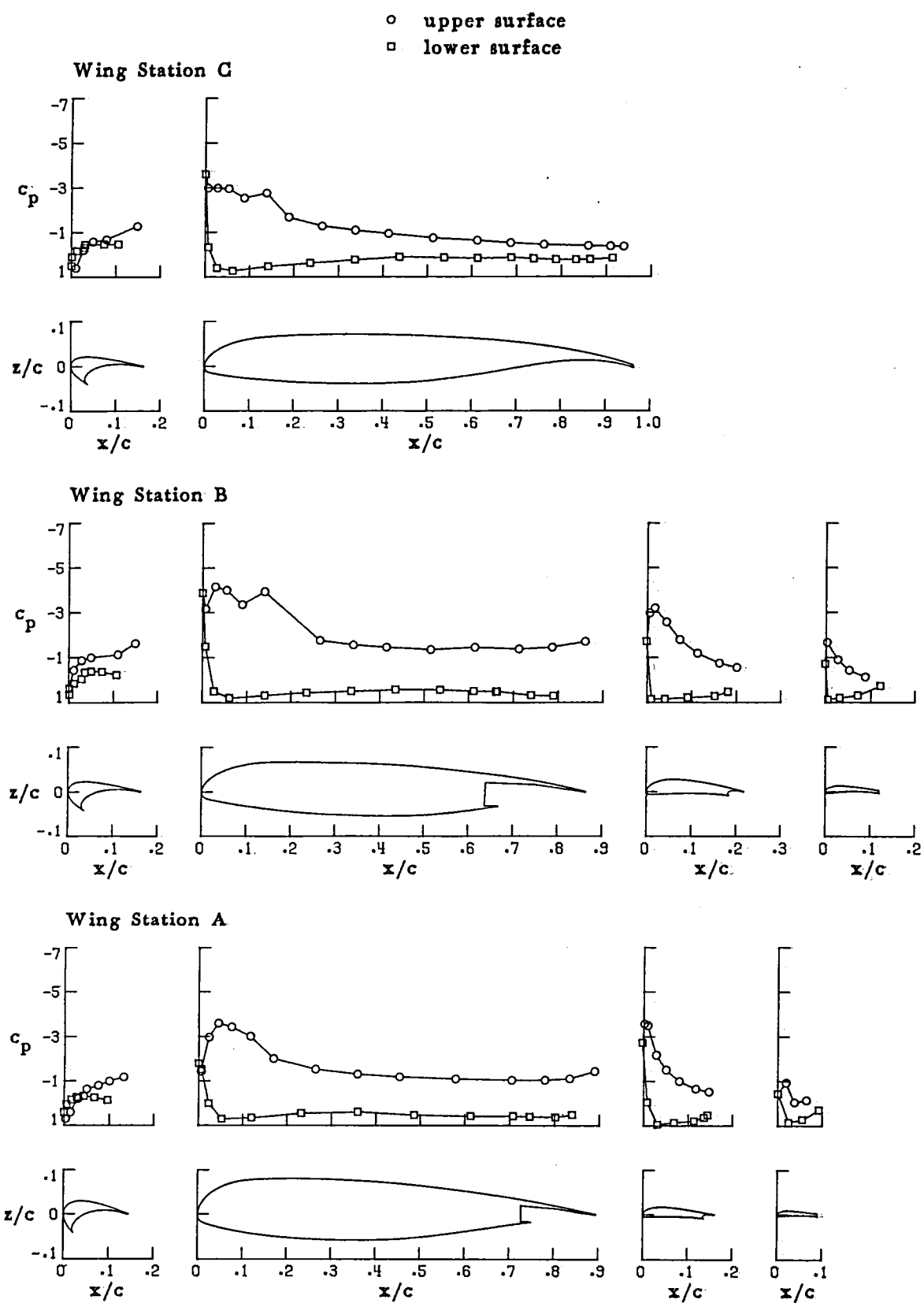


### Wing Station A



(c)  $\alpha = 4.399^\circ$

Figure 27.-Continued.

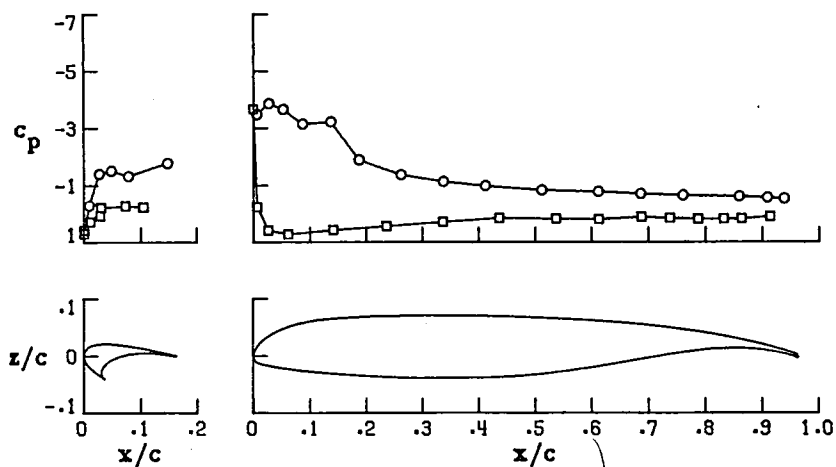


(d)  $\alpha = 8.398^\circ$

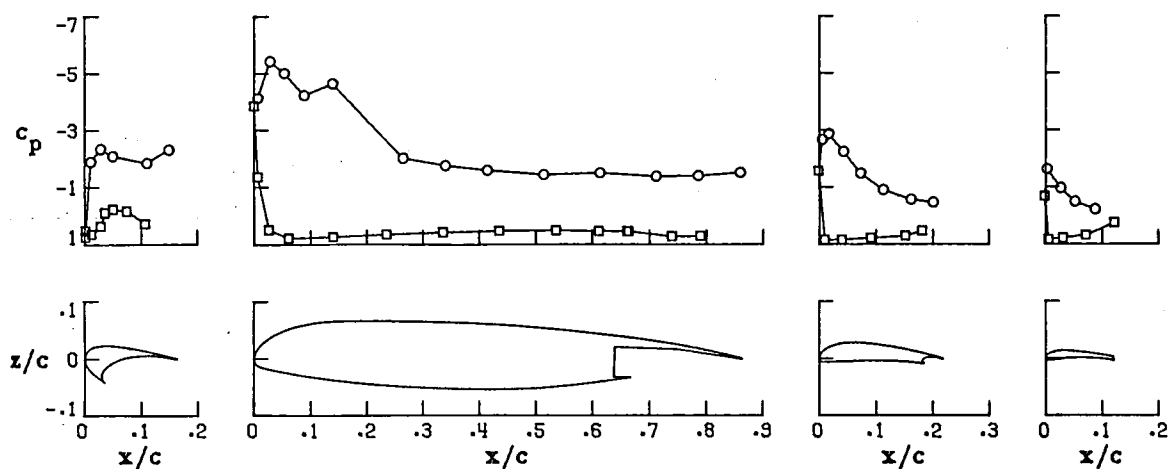
Figure 27.-Continued.

○ upper surface  
□ lower surface

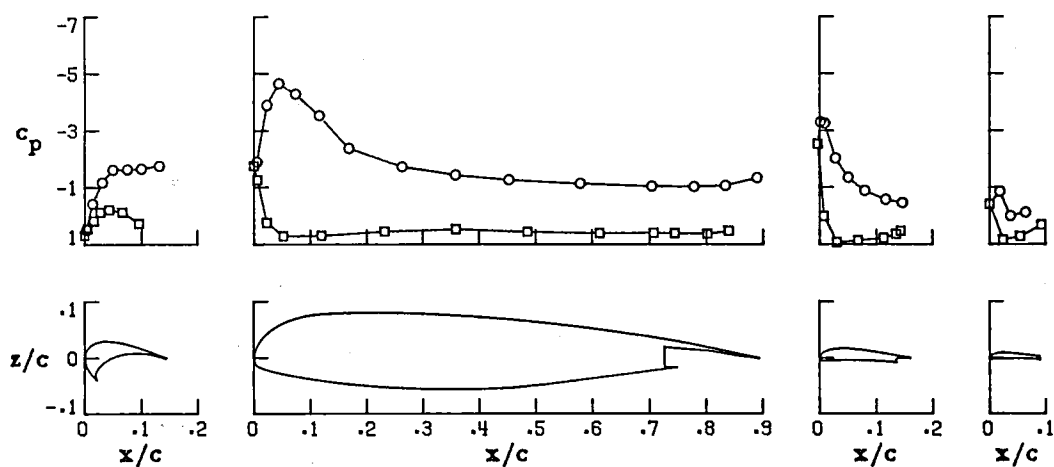
### Wing Station C



### Wing Station B



### Wing Station A

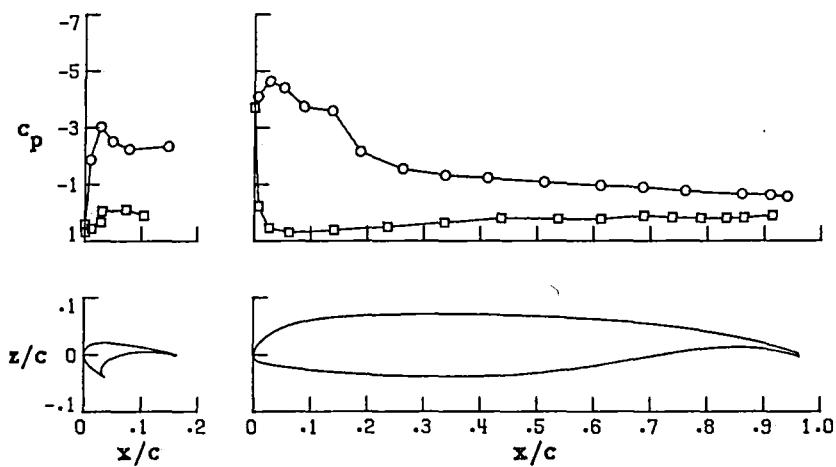


(e)  $\alpha = 12.462^\circ$

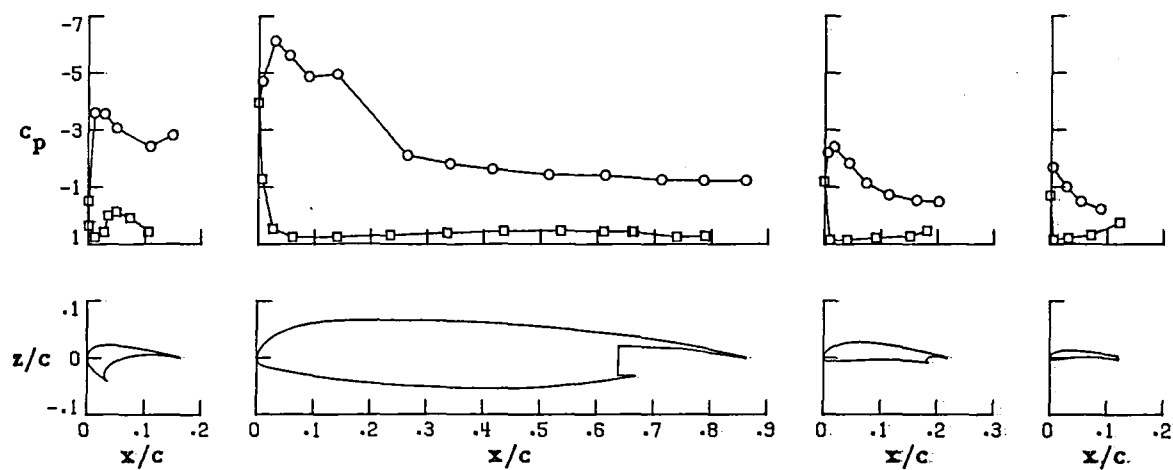
Figure 27.-Continued.

○ upper surface  
□ lower surface

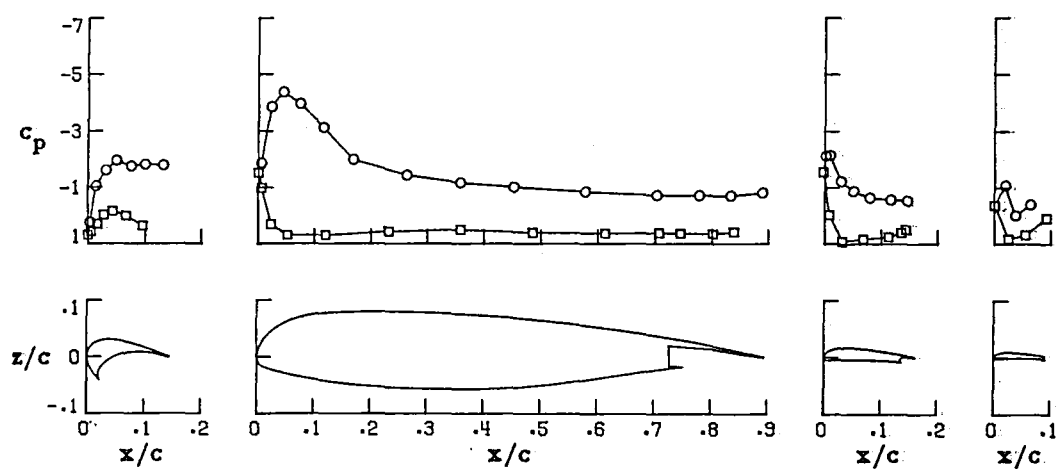
### Wing Station C



### Wing Station B



### Wing Station A

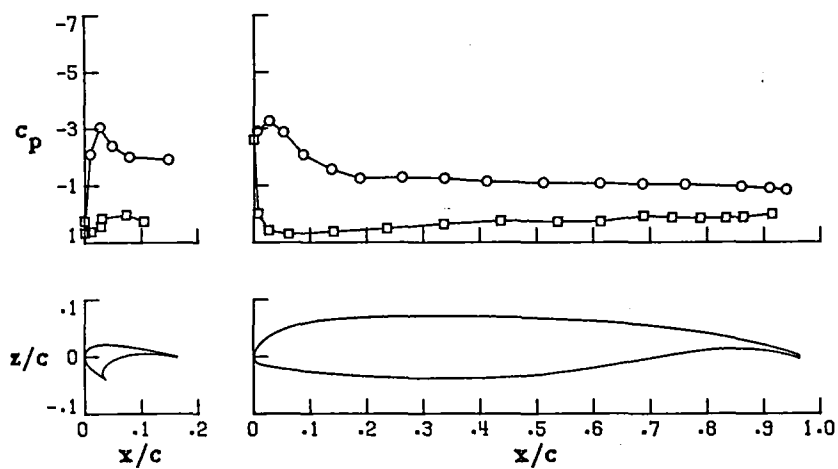


(F)  $\alpha = 16.489^\circ$

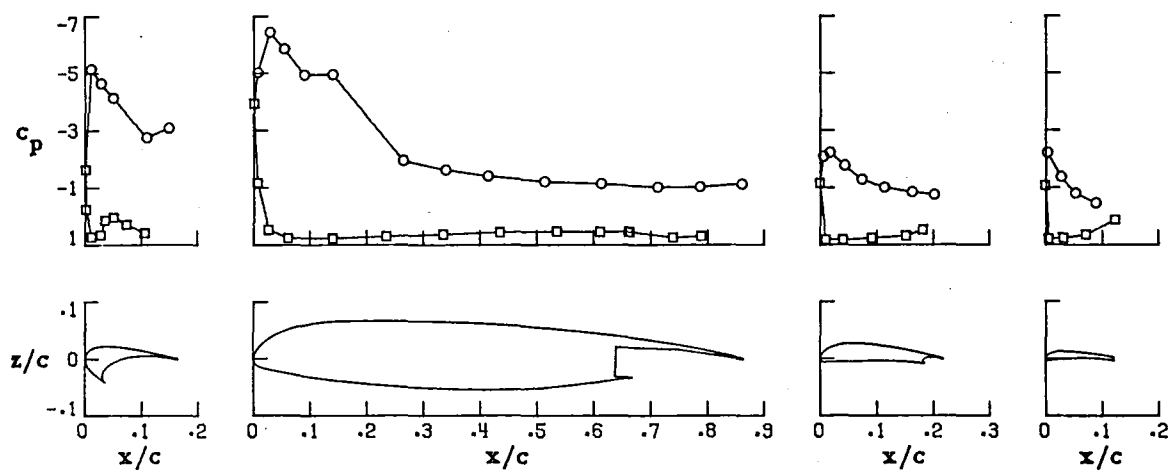
Figure 27.-Continued.

○ upper surface  
□ lower surface

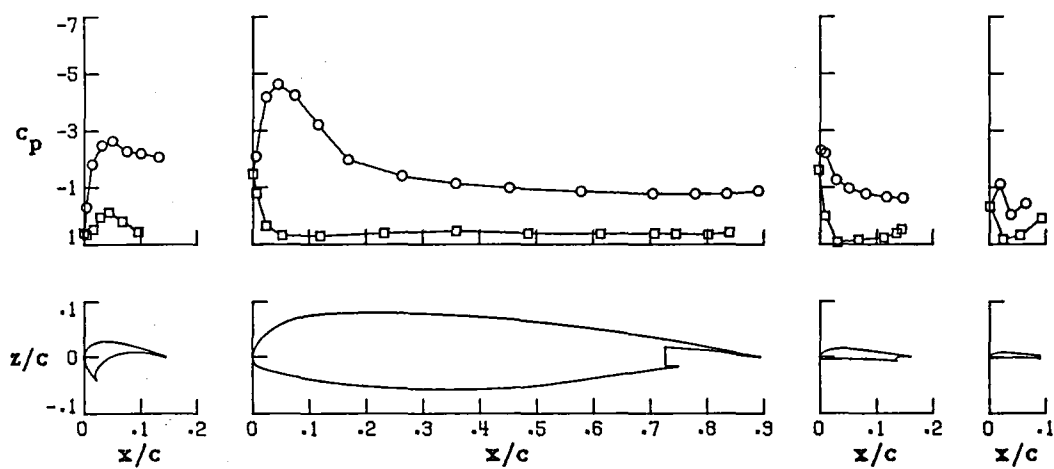
### Wing Station C



### Wing Station B



### Wing Station A



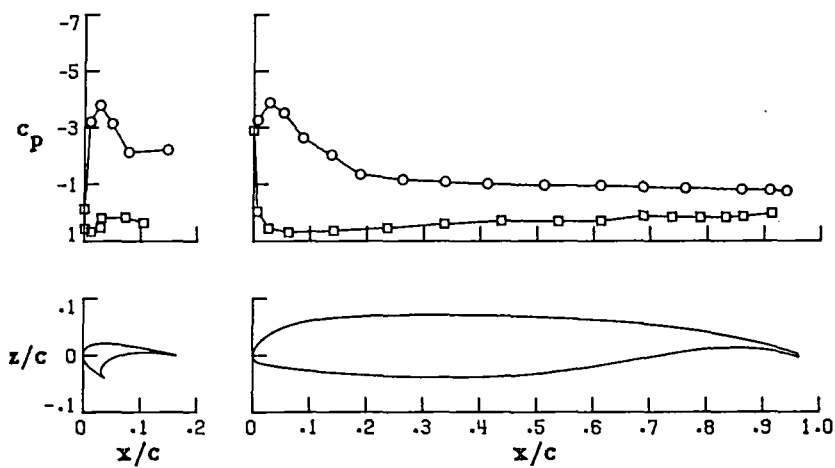
(g)  $\alpha = 20.514^\circ$

Figure 27.-Continued.

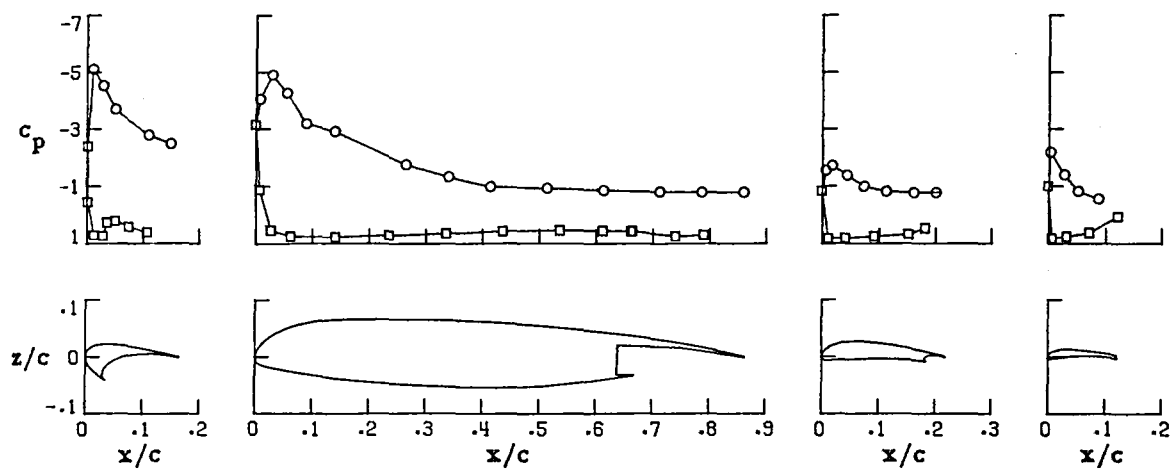


○ upper surface  
□ lower surface

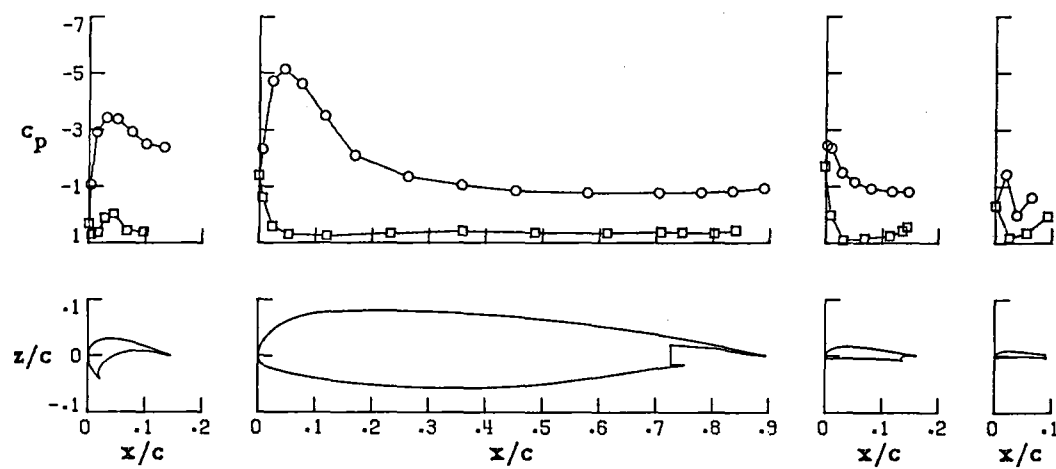
### Wing Station C



### Wing Station B

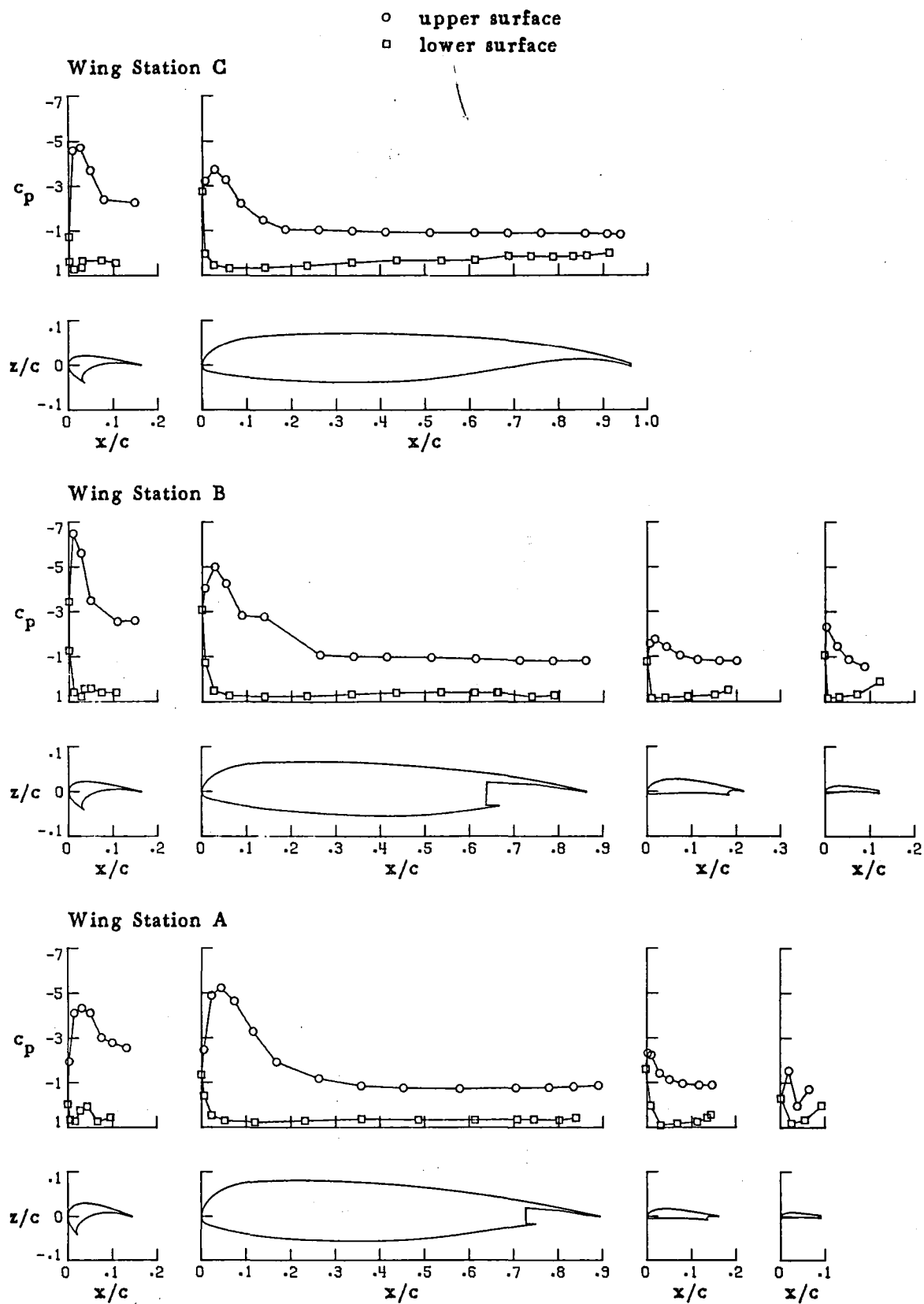


### Wing Station A



(h)  $\alpha = 24.543^\circ$

Figure 27.-Continued.



(i)  $\alpha = 28.547^\circ$

Figure 27.-Concluded.

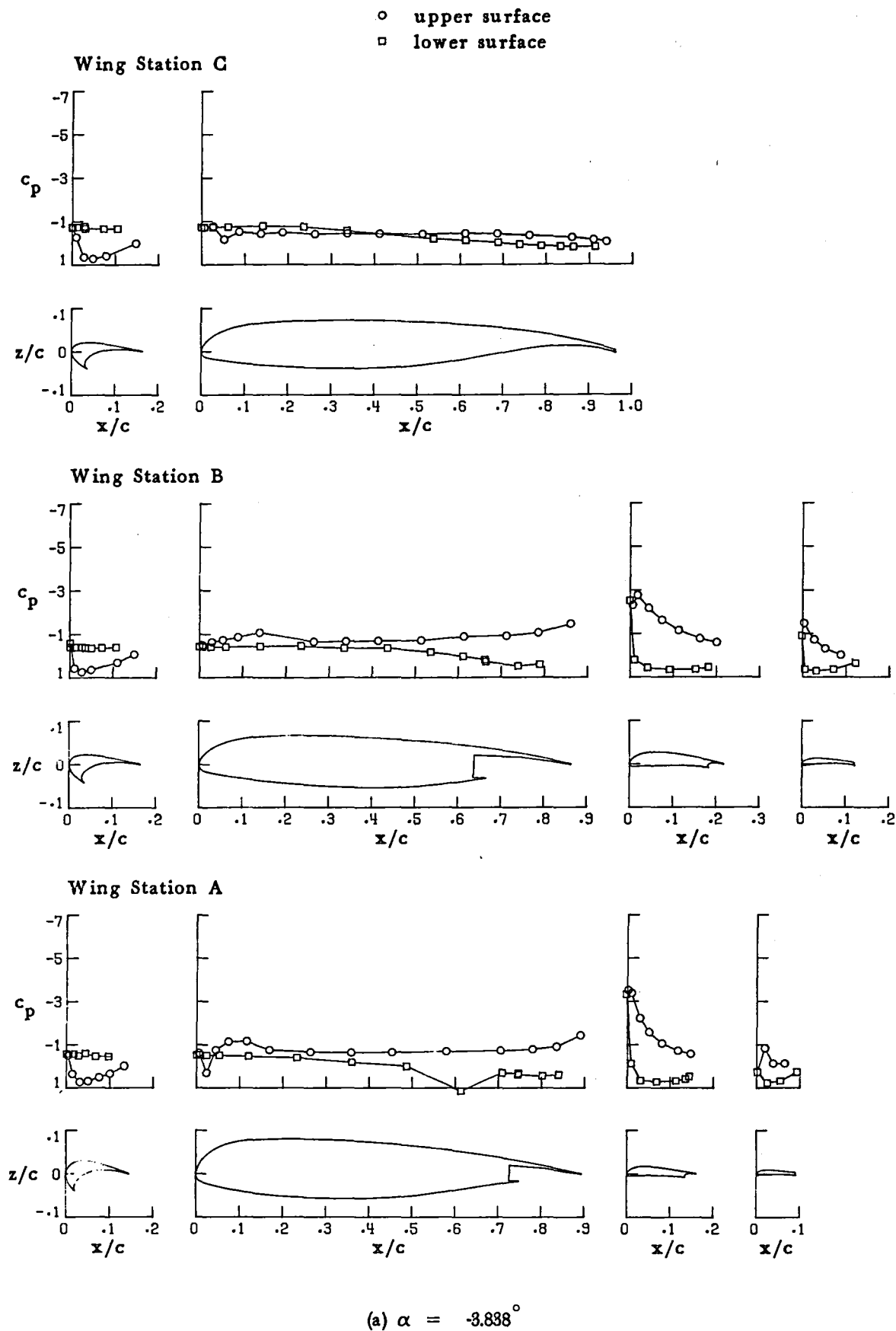
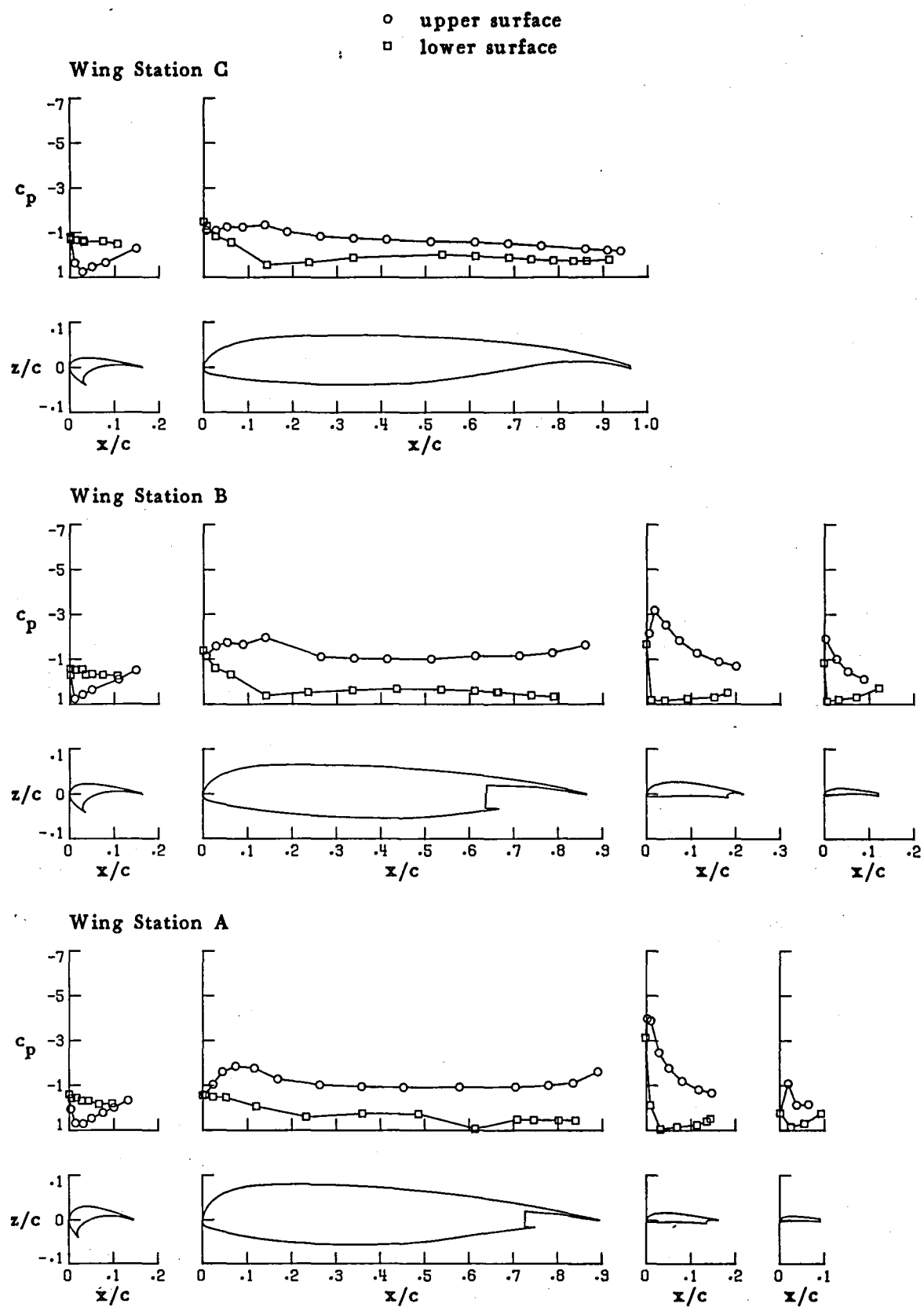
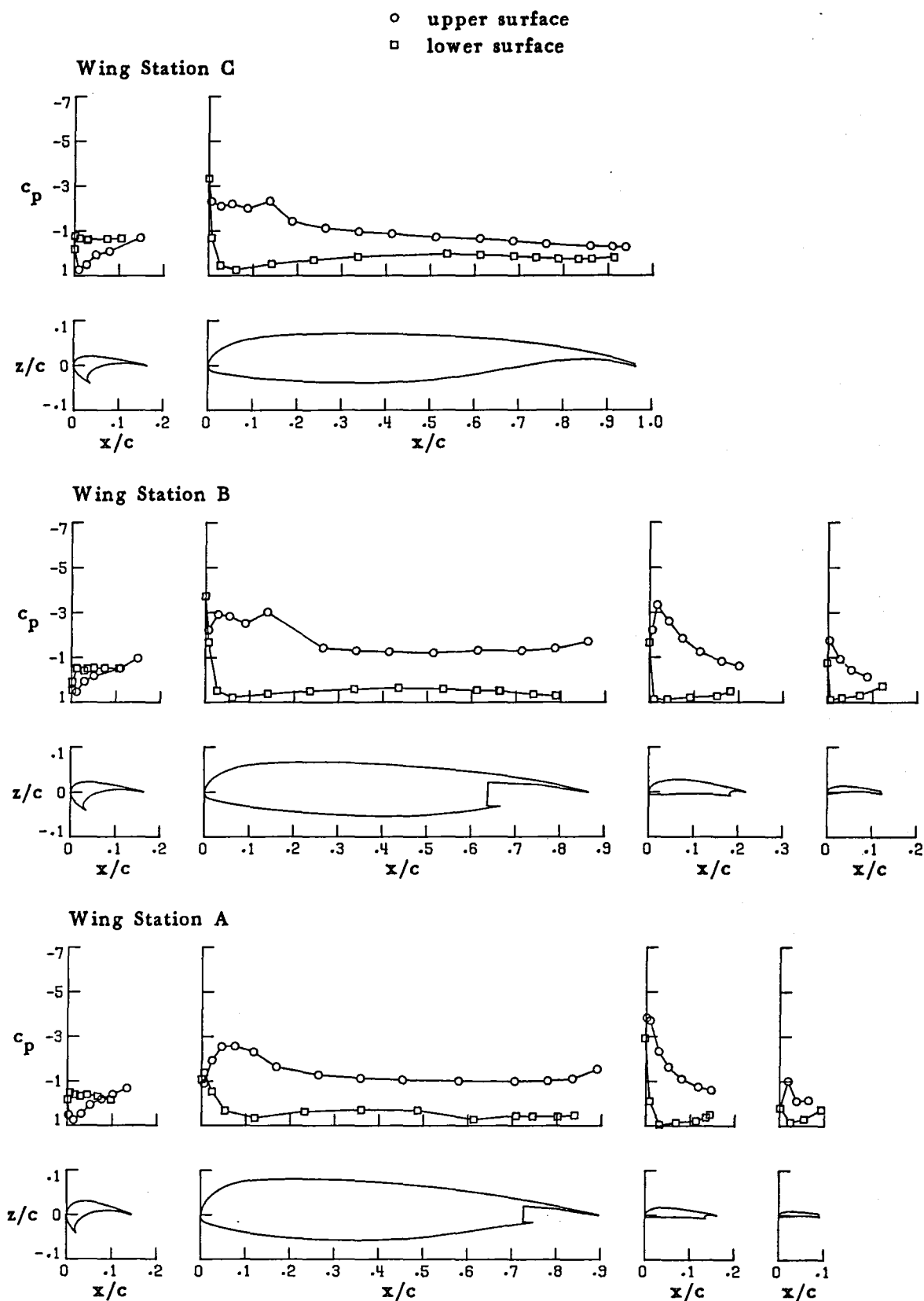


Figure 28. - Pressure distributions for aspect-ratio-12,  $60^\circ$  landing flap wing configuration with  $-50^\circ$  deflection of inboard slat. (Run 34)



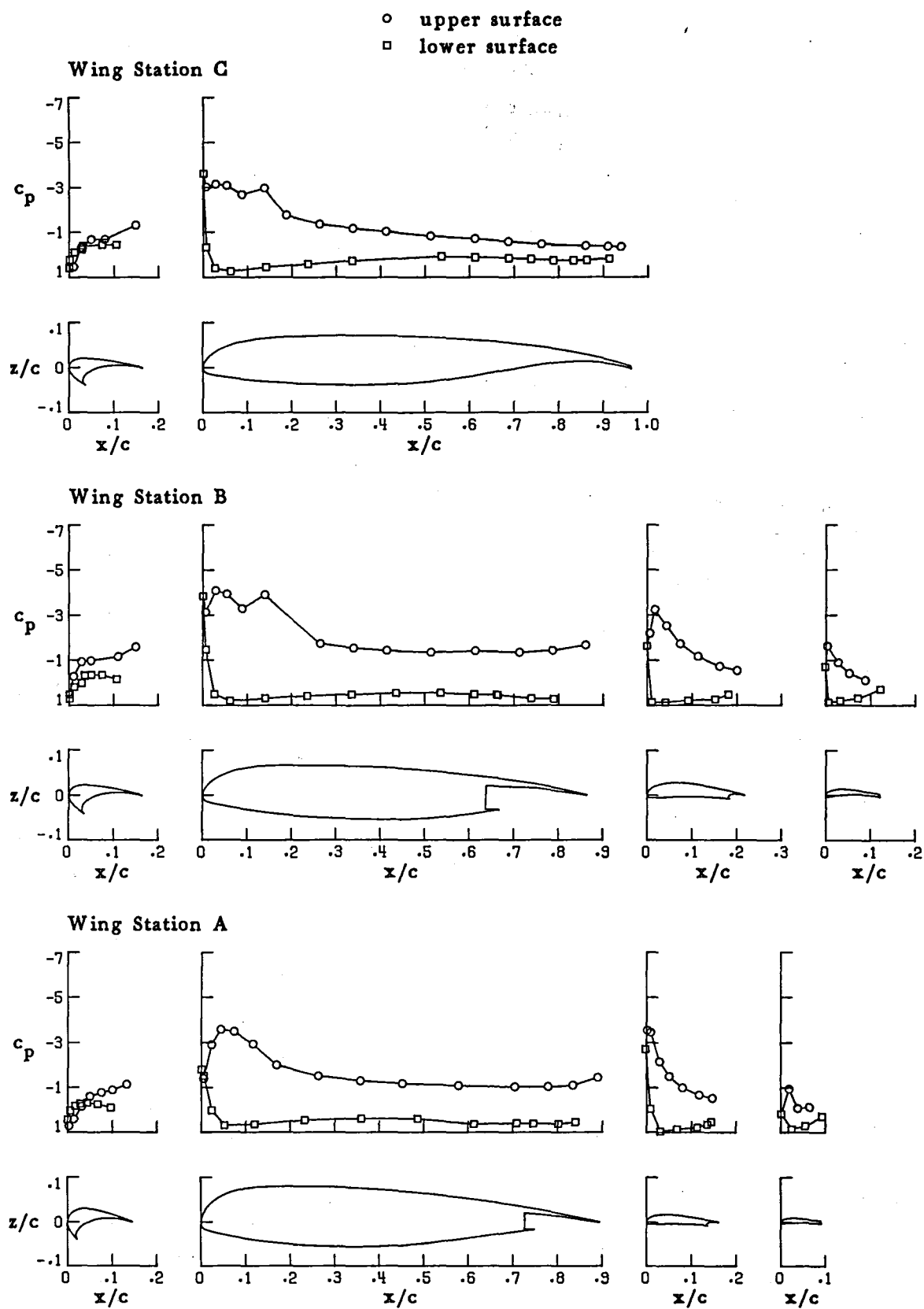
(b)  $\alpha = .296^\circ$

Figure 28.-Continued.



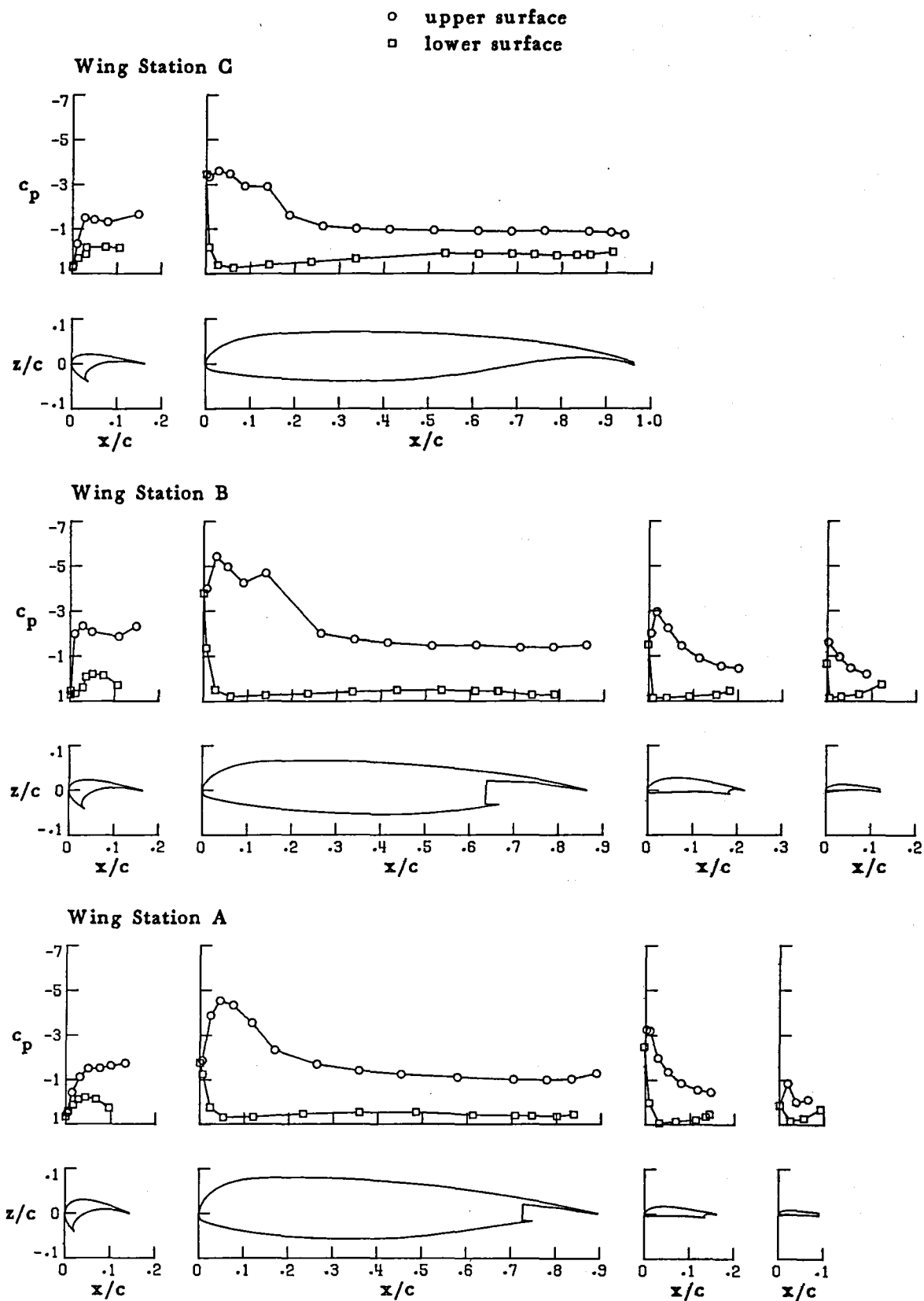
(c)  $\alpha = 4.304^\circ$

Figure 28.-Continued.



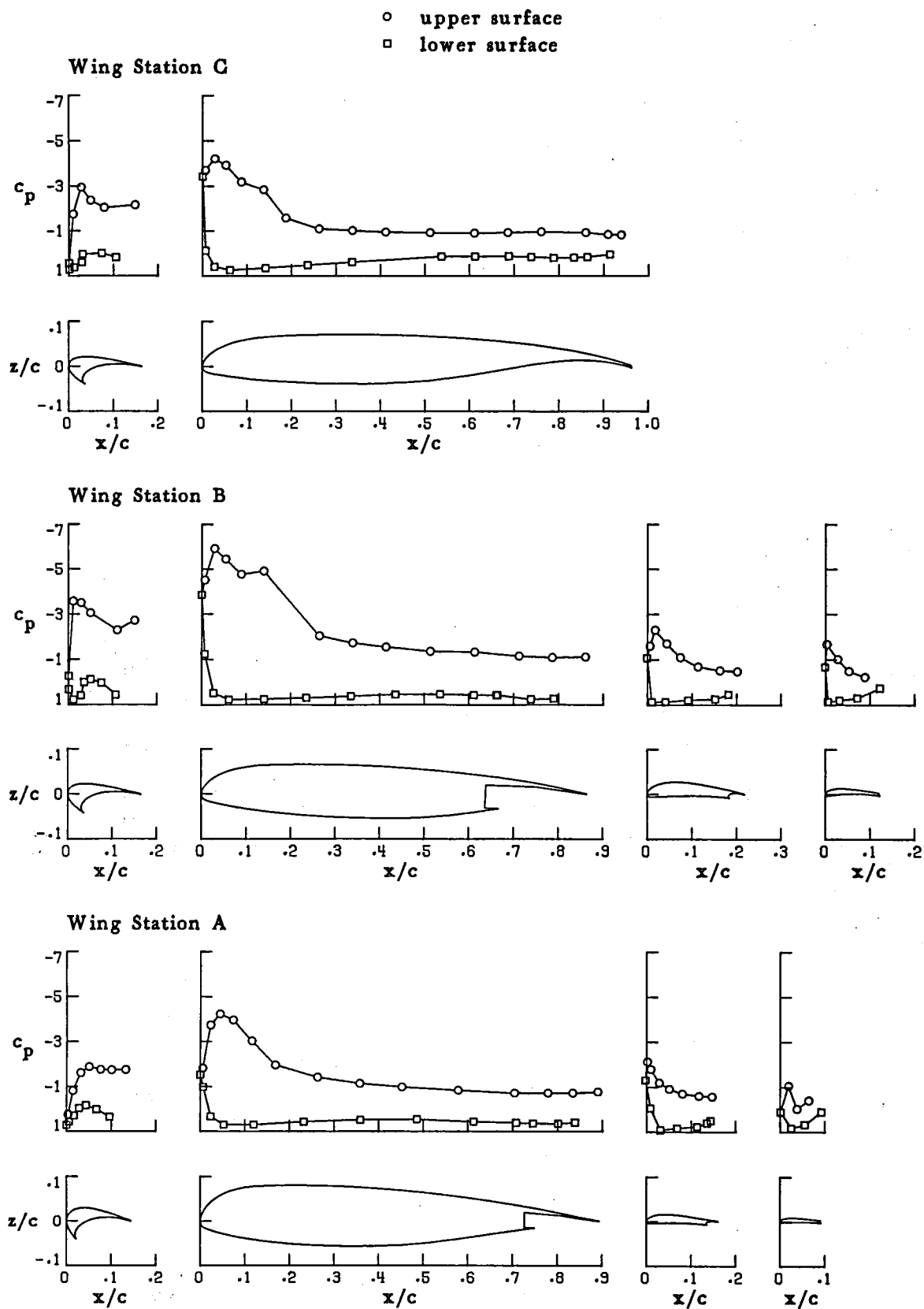
(d)  $\alpha = 8.364^\circ$

Figure 28.-Continued.



(e)  $\alpha = 12.443^\circ$

Figure 28.-Continued.



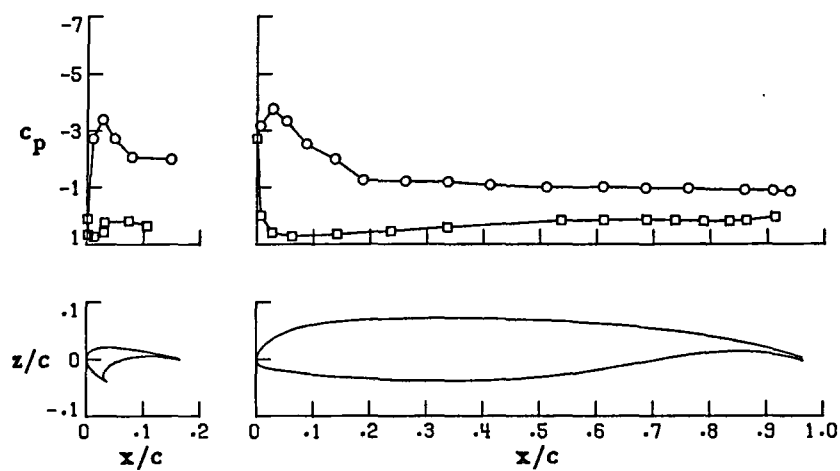
(f)  $\alpha = 16.458^\circ$

Figure 28.-Continued.

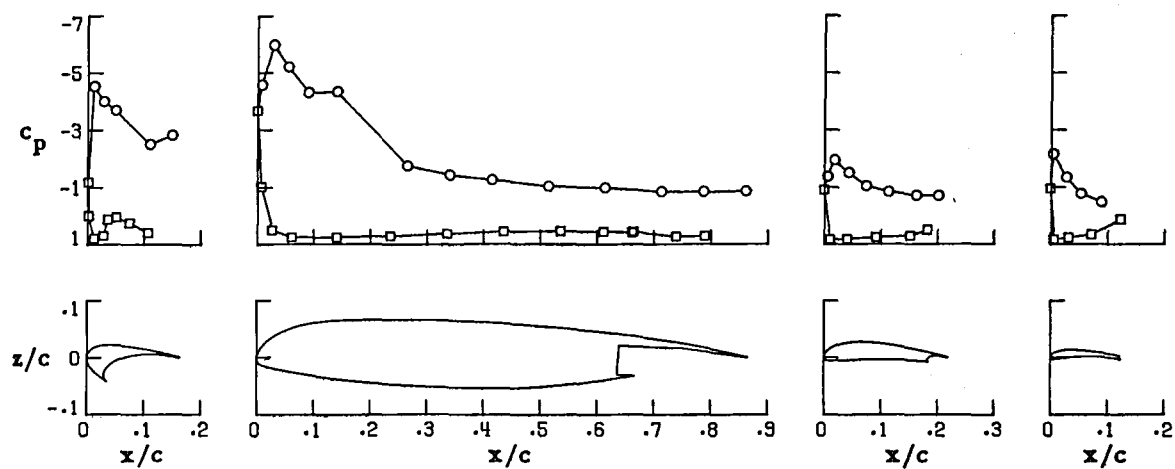


○ upper surface  
□ lower surface

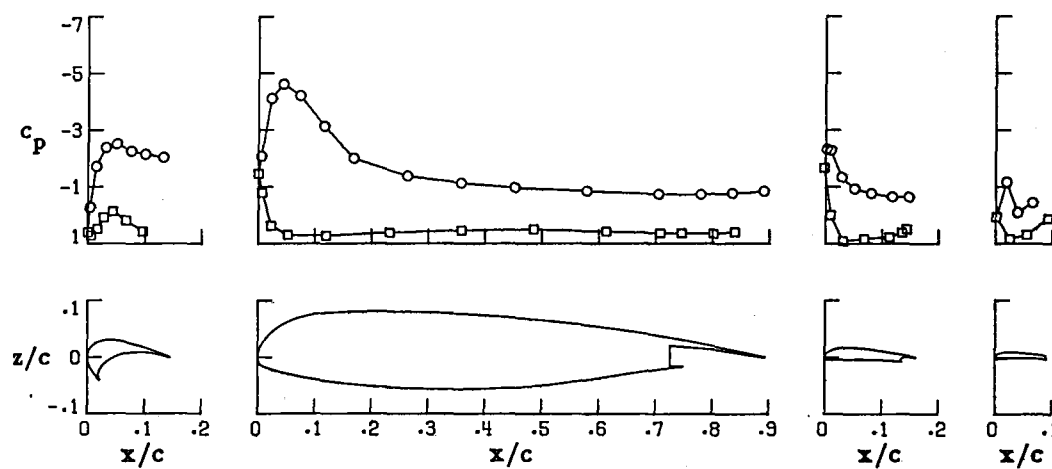
### Wing Station C



### Wing Station B

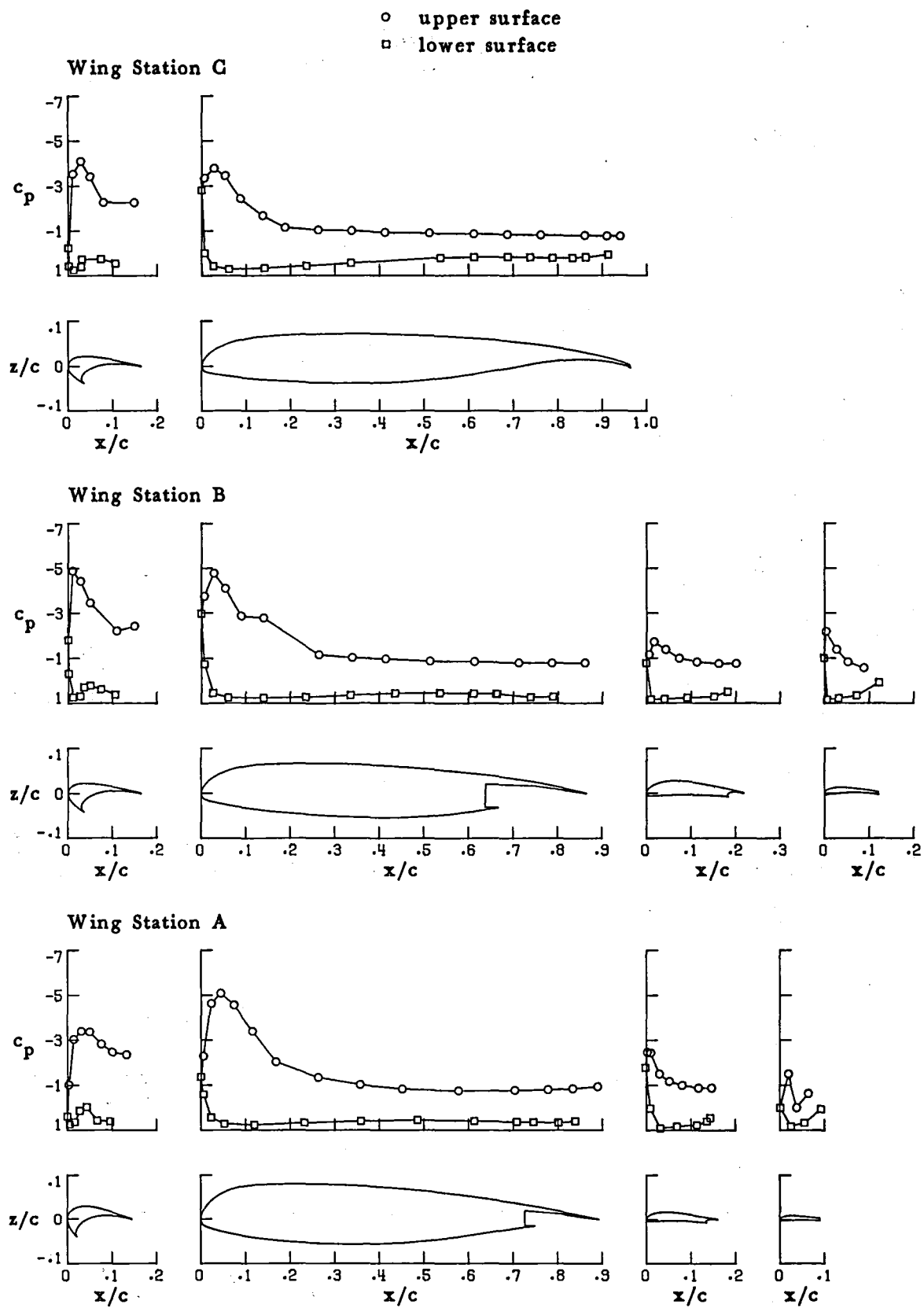


### Wing Station A



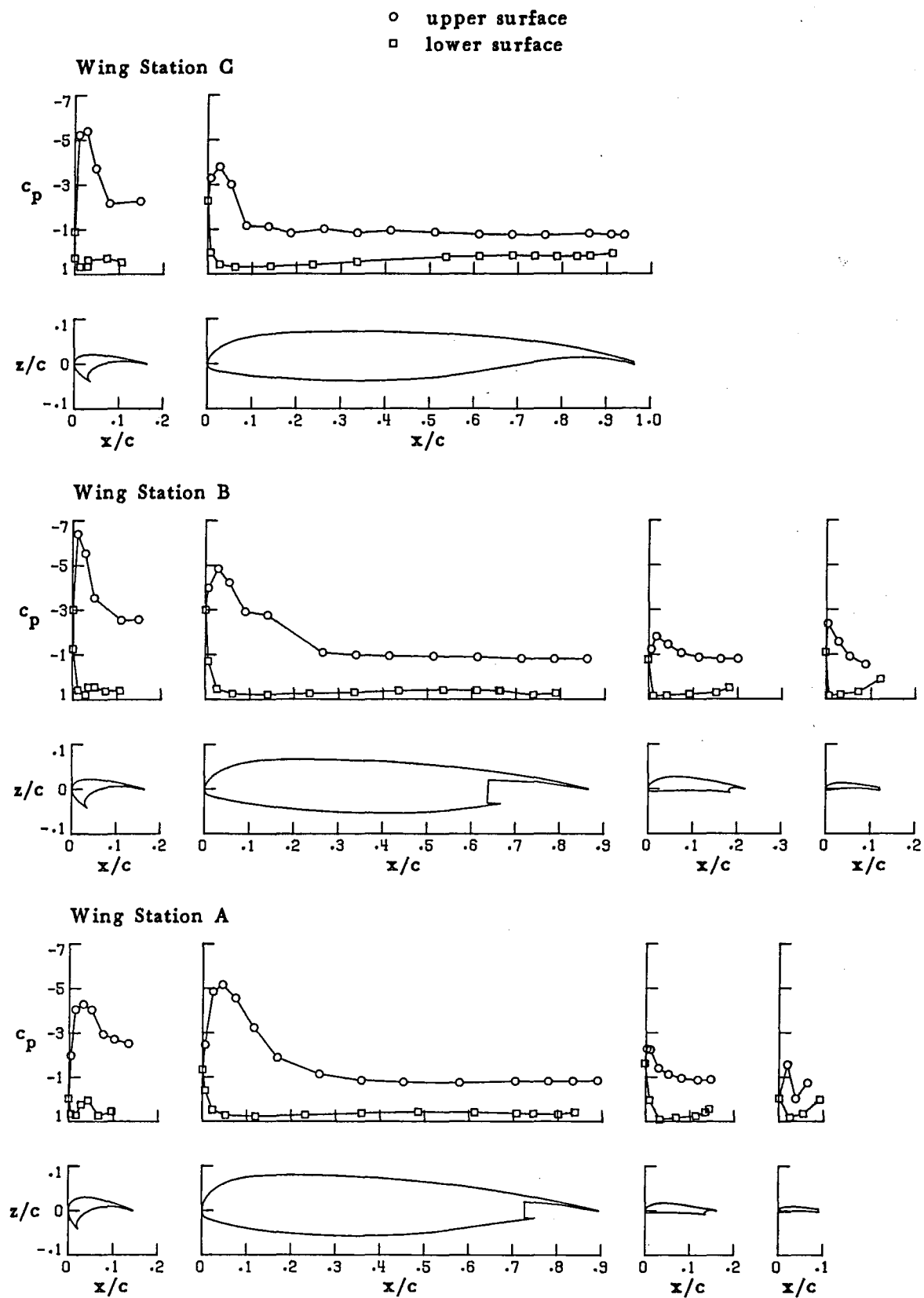
(g)  $\alpha = 20.468^\circ$

Figure 28.-Continued.



(h)  $\alpha = 24.498^\circ$

Figure 28.-Continued.



(i)  $\alpha = 28.522^\circ$

Figure 28.-Concluded.

1. Report No. NASA TM-83111		2. Government Accession No.		3. Recipient's Catalog No.	
4. Title and Subtitle Pressure Distribution Data from Tests of 2.29-Meter (7.5-Ft.) Span EET High-Lift Research Model in Langley 4- by 7-Meter Tunnel				5. Report Date June 1982	
				6. Performing Organization Code 534-02-13-18	
7. Author(s) Harry L. Morgan, Jr.				8. Performing Organization Report No.	
9. Performing Organization Name and Address NASA Langley Research Center Hampton, VA 23665				10. Work Unit No.	
				11. Contract or Grant No.	
12. Sponsoring Agency Name and Address National Aeronautics and Space Administration Washington, DC 20546				13. Type of Report and Period Covered Technical Memorandum	
				14. Sponsoring Agency Code	
15. Supplementary Notes					
16. Abstract <p>A 2.29 m (7.5 ft.) span high-lift research model equipped with full-span leading-edge slat and part-span double-slotted trailing-edge flap was tested in the Langley 4- by 7-Meter Tunnel to determine the low-speed performance characteristics of a representative high-aspect-ratio supercritical wing. These tests were performed in support of the Energy Efficient Transport (EET) program which is one element of the Aircraft Energy Efficiency (ACEE) project. Static longitudinal forces and moments and chordwise pressure distributions at three spanwise stations were measured for cruise, climb, two take-off flap, and two landing flap wing configurations. This report presents the tabulated and plotted pressure distribution data and is presented without analysis or discussion.</p>					
17. Key Words (Suggested by Author(s)) Transport aircraft Wing pressure distributions High-lift flaps Supercritical airfoil			18. Distribution Statement  FEDD Distribution  Subject Category 02		
19. Security Classif. (of this report) Unclassified	20. Security Classif. (of this page) Unclassified	21. No. of Pages 540	22. Price		

**End of Document**